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1900.

REPORT

— of the —

TOWN OFFICERS

— of —

Ipswich, Mass.,



— for the —

Year Ending December 31st, 1899,

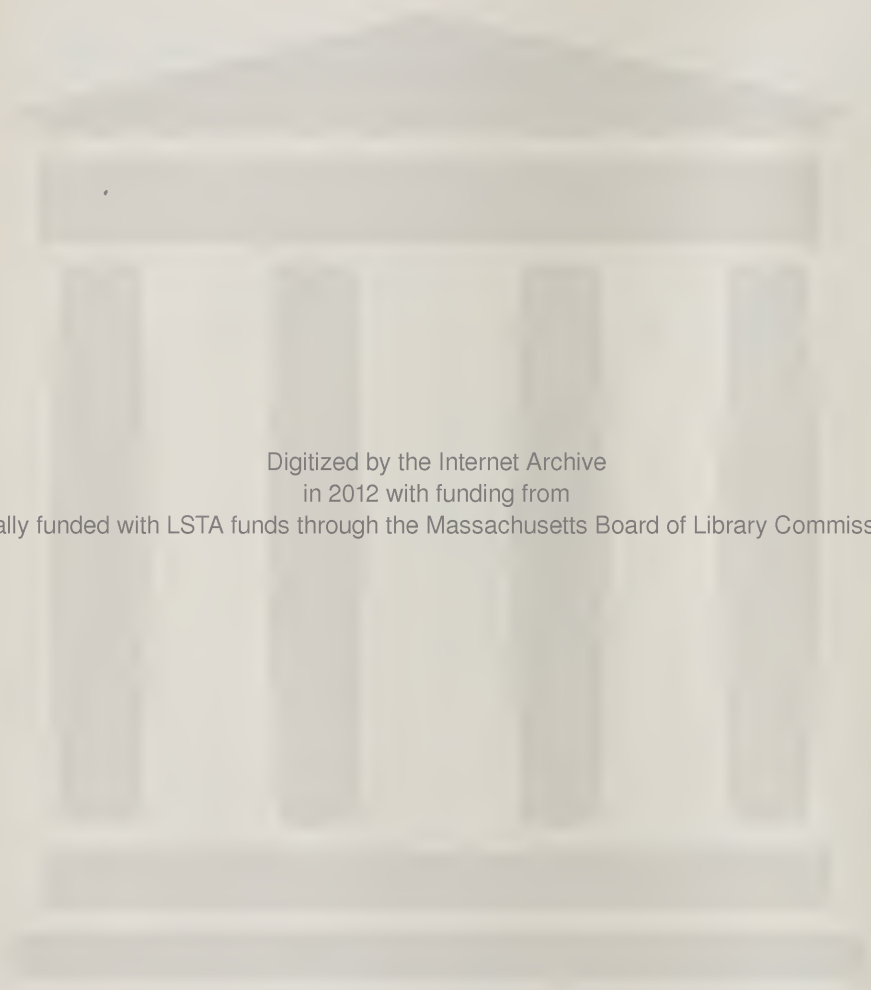
— and the —

*Two Hundred and Sixty-Sixth Year of the
Town's Incorporation.*

Ipswich, Mass.:

The Chronicle Motor Print.

1900.



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TOWN OFFICERS, 1899.

SELEÇT MEN.

GEORGE A. SCHOFIELD, Chairman.

JOHN A. BROWN,

CHAS. E. GOODHUE

ASSESSORS.

GEO. A. SCHOFIELD, Chairman,

DANIEL S. APPLETON,

CHAS. E. GOODHUE

OVERSEERS OF THE POOR.

GEO. A. SCHOFIELD, Chairman,

CHAS. S. CUMMINGS,

DANIEL S. APPLETON

TOWN CLERK.

CHARLES W. BAMFORD.

TREASURER AND COLLECTOR.

THOMAS E. CONDON.

SCHOOL COMMITTEE.

JOHN W. NOURSE, (Chairman)

Term expires 1901

CHARLES W. BAMFORD,

" " 1901

JOHN H. COGSWELL, (Secretary)

" " 1902

HARRIET E. NOYES,

" " 1902

CHARLES S. CUMMINGS,

" " 1900

MILO H. GATES, (Resigned)

" " 1900

REGISTRARS OF VOTERS.

J. FARLEY KINSMAN, (Chairman)

CHARLES W. BAMFORD

CHARLES H. GLASIER,

LYMAN H. DANIELS

AUDITOR

HENRY F. DUNNELS.

Constables.

FRANK B PAGE,

WM. H. BROCKLEBANK

CHARLES T. LITTLEFIELD.

NEWELL M. JEWETT

Water Commissioners.

WALTER E. LORD, (Chairman)

CHAS. W. BROWN,

WM. A. STONE

Cemetery Commissioners.

PHILIP E. CLARKE,

SAM'L N. BAKER,

ERASTUS CLARK

Board of Health.

JAMES GRIFFIN, Chairman,

LEVI W. MALLARD,

GEO. W. SMITH

Assessors' Report,

FOR THE YEAR ENDING DECEMBER 31, 1899.

Appropriations.

For High and common schools.....	\$12500 00
Highways, including \$1000 00 for sidewalks, edgestones and concrete.....	9000 00
Current expenses.....	3000 00
Street lamps.....	1400 00
Fees and Salaries.....	4500 00
Fire Department.....	1800 00
Poor account.....	2500 00
Farm account.....	1500 00
Note, Green street bridge.....	500 00
Notes, Winthrop schoolhouse.....	1100 00
Notes, Rowley road.....	1000 00
Sinking fund (Water account).....	2034 00
Hydrant service.....	1000 00
Memorial Day.....	150 00
Interest on town notes.....	1400 00
Discount.....	575 00
Abatements	500 00
Care of cemeteries.....	1000 00
Care of commons.....	150 00
Drinking fountain	150 00
Care of clam flats.....	300 00
So. Church square.....	200 00
Independence Day.....	400 00 ✓
School street improvements.....	300 00
Total appropriations.....	\$47059 00

Total appropriations.....	\$47059 00	
State Tax.....	1725 00	
County Tax.....	2482 37	
Total to raise.....	\$51266 37	
Less receipts (estimated).....	5721 31	
Total amount assessed.....		\$45545 06
Divided as follows:		
Amount raised on polls.....	2258 00	
“ “ “ personal property	10235 70	
“ “ “ real estate.....	33051 36	
Total.....		\$45545 06

Number of Polls, 1129.

Tax on Poll, \$2.00.

Rate of Taxation, \$14.00 per thousand.

	1899	1898
Valuation Personal Estate, \$	731121 00	\$ 720911 00
“ Real “	2360811 00	2333445 00
“ Total.....	\$3091932 00	\$3054356 00

Number of horses and jacks	assessed	641
“ cows	“	723
“ neat cattle other than cows	“	177
“ sheep	“	8
“ swine	“	227
“ fowl	“	7116
“ dwelling houses	“	967
“ acres of land	“	16362

The appropriation for abatements for 1899 was \$500 and the abatements allowed were \$512.32. On the uncollected taxes of 1898 abatements of \$117.74 were also made.

As the appropriations for the year were \$991.00 larger than the previous year, and the increase in the total valuation was very slight, we did not deem it advisable to make a reduction in the tax rate this year, but from the amount of building which is now going on, and the prospect of much more in the spring, we feel that with the same appropriations the coming year, that we will be able to make another reduction in the rate. Present indications are that a great deal of the land on the outskirts of the town has, or will, change hands, and much of that which has hitherto been valued very low will be improved, and will become more valuable. We do not by any means recommend that the town should adopt a course of an unjust raising of values, simply because the land has become the property of those well able to pay, but we feel that the exercise of good judgment and a spirit of fairness in dealing with those who are known as the summer colony, will tend to encourage further improvements and the erection of buildings which will add materially to the valuation of the town, and will make it possible to ultimately make a large reduction in the tax rate.

A policy along that line is what we have aimed to follow and we recommend a continuance of the same policy.

Respectfully submitted,

Geo. A. Schofield.
Dan'l S. Appleton,
Chas E. Goodhue,

}
}
}

Assessors
of
Ipswich.

Ipswich, Mass., Jan. 1, 1900.

Town Clerk's Report.

TO THE SELECTMEN OF IPSWICH,
GENTLEMEN :

In former reports I have called attention to the condition of the old records of the town, particularly records of Town Meetings, and Selectmen, as well as those of the Treasurer. During the past year I have taken pains to preserve a part of them but much remains to be done for their preservation. The Laws of the Commonwealth require the Clerks of Cities and Towns to do this, leaving no option in the matter, fixing a penalty for neglect or refusal. Chapter 439 Acts of 1897 places the question of care and preservation of records beyond an uncertainty. Section 6 of this Act reads as follows: "Every person having the custody of any public records of a county, city or town, consisting of written or printed books, shall at the expense of the county, city or town, have all such books properly and substantially bound and shall have any such book incomplete made up and completed from the usual files and memoranda so far as can be done; and shall have any such books becoming worn, mutilated or illegible seasonably renovated, repaired, or rebound and fair and legible copies thereof seasonably made and may cause any such books to be placed in the custody of the commissioner of public records, who shall have the work done at the expense of the county, city or town in a proper and substantial manner." Section 12 provides a penalty for refusal or neglect to comply with

the requirements of this act. "For each month of such neglect not more than twenty dollars." The Commissioner of Public Records has called the attention of former town officials to these records and asked to have them attended to at once. During the past year he has corresponded with me in regard to the matter, but as I had already made my plans regarding the work, he made no further complaint. There are also a large number of papers in the vaults of much value and should be preserved, many of them relating to the early history of the town; and I am sure that the people of this old town are not willing that any part of its official history should be lost or destroyed or the papers relating to that history to decay for want of proper care. I would recommend an appropriation to continue the work of rebinding and repairing such records as may require it. I would also call your attention to the vaults or safes in the rooms of the Selectmen and Town Clerk. Inside these vaults are arranged on *wooden* shelves and in *wooden* cases all the books of the Selectmen and Town Clerk; and in my opinion this is a serious matter and should be remedied at once. There should not be in any vault woodwork of any description. The shelves should be of some non-combustible material and suitably arranged and I would suggest that the present cases and shelves be removed and the vaults be made fire-proof.

I submit the following report of Births, Marriages and Deaths as received and recorded for the year 1899:

Births during the year 1899, 104.

Twins in two instances. Males 54. Females 50.

Fathers born in Ipswich, 27.

Fathers born in other places in Mass., 21.

Fathers born in other places in United States 12.

Fathers born in British Provinces 28.

Fathers born in England, 8.

Fathers born in Sweden, 2.

Fathers born in Scotland 1.

Fathers born in Ireland, 1.

Fathers born in Russia, 1.

Fathers born, birthplace unknown 1.

Total, 102.

Mothers born in Ipswich, 21.

Mothers born in other places in Mass., 20.

Mothers born in other places in United States, 14.

Mothers born in the British Provinces, 41.

Mothers born in England, 3.

Mothers born in Sweden, 2,

Mothers born in Russia, 1.

Total, 102.

Births by months: January 7, February 3, March 7, April 11, May 4, June 14, July 11, August 5, September 10. October 8, November 12, December 12. Total, 104.

Marriages during the year 1899, 49. Married in Ipswich 36, in other places 13. Whole number 49.

Grooms born in Ipswich, 8.

Grooms born in other places in Mass., 12.

Grooms born in other places in U. S., 7.

Grooms born in Foreign Countries, 22.

Total 49.

Brides born in Ipswich, 9.

Brides born in other places in Mass., 8.

Brides born in other places in U. S., 11.

Brides born in Foreign Countries, 21.

Total, 49.

Oldest groom, seventy eight years of age; Youngest groom, 19 years of age; Oldest bride, 64 years of age; Youngest bride 16 years of age; One couple, united ages, 128 years; One couple, united ages, 113.

Married by Cong'l. ministers, 10 couples; Baptist, 5; Methodist 10, Roman Catholic 16; Universalist 2; Swedeish 1; Episcopal 3; Justice of the Peace 2.

Marriages recorded by months: January 6, February 1, March 2, April 8, May 5, June 6, July 2, August 4, September 3, October 3, November 2, December 7. Total 49.

Deaths and burials during the year 1899. Whole number of deaths recorded 79. Living in Ipswich 70. Other places and brought to Ipswich for burial 9.

Males 40. females 39—79. Born in Ipswich 42; U. S., 22; Foreign 14; Unknown 1. Five persons were over 90 years of age viz, Jan. 1 1899, Abigail Lord, 97 years, 3 months. Jan 9, Elizabeth Cheeney, 93 years. 8 months, May 23, Geo. Hodgdon, 92 years, 11 months, 15 days; August 12, Hervey Nourse. 95 years and 17 days, November 8. Elizabeth C. Lavalette, 90 years, 3 months.

From 80 to 90 years there were 12; 70 to 80, 13; 60 to 70. 13; 50 to 60, 5; 40 to 50, 3; 30 to 40, 4; 20 to 30, 2; 10 to 20. 3; 1 to 10, 5: less than one year 14, Total, 79,

Deaths by months, January 11, February 11, March 5, April 10. May 5, June 6, July 5, August 8, September 5, October 4, November 4, December 5. Total 79.

Dogs Licensed during the year 189. Male dogs 175. Female dogs 14. 1 Kennel license.

Respectfully submitted.

Charles W. Bamford, Town Clerk.

Ipswich, January 31, 1900.

Police Report.

TO THE HONORABLE BOARD OF SELECTMEN:

I submit the following report.

Whole number arrests made during the year 150

Assault and Battery.....	12
Cruelty to Animals.....	1
Defaulting board bill.....	4
Drunkenness.....	86
Incendiary.....	1
Keeping Unlicensed Dog.....	1
Non Support.....	1
Larceny.....	7
Wilful Trespass.....	2
Peddling Without a License.....	2
Violating Fish and Game Laws.....	21
Policy Gaming.....	1
Junk Dealing.....	5
Violating Town By-Laws.....	4
Violating Sunday Laws.....	2

Total, 150

Number of Doors found open and secured... 12

Number of Windows found open and secured 2

Total, 14

Number committed to Danvers Insane Hospital..... 4

Number taken to State Farm..... 1

Number taken to Salem Jail..... 1

Number taken to House of Correction..... 31

Number Paid Fines.....	43
Number Defaulted.....	12
Number of Dogs shot.....	2
Amount of property reported lost.....	\$207 00
Amount of property recovered.....	\$165 00

Respectfully submitted,
 Frank B. Page,
 Chief of Police.

Ipswich, Mass., Jan. 1, 1900.

TRAMP REPORT.

FOR THE YEAR ENDING DEC, 31, 1899.

Whole number of tramps cared for at the police station
 1018 as seen in the following report.

January.....	186
February.....	103
March.....	184
April.....	157
May.....	53
June.....	13
July.....	11
August.....	6
September.....	39
October.....	50
November.....	116
December.....	100
Total,	<hr/> 1018

As will be seen by the foregoing report the number of tramps have decreased about one-half this year, this we account for partly by working them in the morning when there is anything to do, and by searching them when being put up, as quite a number of them have money to buy food and lodging which they are made to do, and by so doing they are not dependent on the town.

Respectfully submitted,
 Frank B. Page, Chief of Police,

Ipswich, Mass., Jan. 1, 1900.

Report of the Board of Health.

In submitting our report for the year 1899 we are very much gratified to report that there has been no deaths resulting from Contagious diseases for the year, a fact which we have been unable to report for a number of years past. During the year there were reported to the Board 55 cases of Contagious and Infectious diseases, 34 of which were measles, 17 scarlet fever, 3 typhoid fever and 1 case of diphtheria. Nearly all of these cases were of a very mild type, but to the early discovery of the same by the parents and physicians, and with the co-operation of the Board of Health, and especially of the School Committee and Teachers of the public schools is due no doubt the small number of cases during the year, and we trust that the same zealous care will be maintained in the future.

The sanitary condition of the town for the year has been very satisfactory to the board. The most trouble experienced has been from cesspools and that is a matter which will be more or less of a trouble until the town adopts some system of sewerage, but still on the whole we have had no trouble in regard to them of a serious nature, as in all cases where we have been called to act the parties have readily complied with our instructions and orders, and have evinced a spirit to assist us in every way possible to abate the nuisance,

Respectfully submitted,

James Griffing,	}	Board of Health.
Geo. W. Smith,		
Levi W. Mallard.		

REPORT OF OVERSEERS OF THE POOR.

FOR THE YEAR ENDING DEC, 31, 1899.

Poor Account

BILLS ALLOWED.

PAID

Nellie Doyle,	Rent	.....	\$20 00
Estate Ruth Baker,	"	.....	11 67
Ezra Merrill,	"	.....	48 00
Caldwell & Kyes,	"	.....	7 50
Sophia Nourse,	"	.....	21 00
James W. Bond,	"	.....	63 00
Est. W. G. Brown,	"	.....	116 00
Nellie W. Augur,	"	.....	24 00
Rose O'Connor,	"	.....	60 00
Abbie King,	"	.....	65 00
Es. M. J. Rutherford,	"	.....	27 00
John Fletcher,	"	.....	40 00
S. G. Brackett,	"	.....	49 50
Jos. I. Horton,	"	.....	84 50
Jerame Dondero,	"	.....	48 00
Theo F. Cogswell,	"	.....	36 00
Fred S. Burnham,	"	.....	60 00
Nath. Burnham,	"	.....	25 00
Francis J. Kinsman,	"	.....	12 00
Es. Wm. Willcomb;	"	.....	20 00

			\$838 17

FUEL.

PAID

A. H. Peatfield, coal and wood.....	\$288 04	
P. R. Eames, coal.....	17 25	
	<u> </u>	\$305 29

SUPPLIES.

PAID

G. H. Haskell,	Groceries.....	7 48	
J. W. Perkins,	"	19 91	
C. W. Hayes,	"	54 50	
N. Bolles,	"	8 00	
F. T. Goodhue,	"	156 00	
T. E. Condon,	"	70 07	
N. Burnham,	"	163 86	
L. E. Willcomb,	"	212 00	
Hart & Lord,	"	5 50	
A. P. Hills,	"	80 94	
C. Damon & Co.	"	91 24	
Dodge & Spiller,	"	3 00	
W. B. Richards,	"	49 50	
F. G. Brown & Co.	" and meat	82 00	
Geo. W. Tozer,	" and meat	178 50	
D. W. Kimball.	meat.....	\$46 89	
		<hr/>	\$1229 39
I. E. B. Perkins, shoes and repairs.....		9 75	
E. T. Pike, shoes.....		8 40	
J. A. Tucker, shoes.....		1 60	
		<hr/>	\$19 75
W. E. Lord,	dry goods.....	11 58	
S. Silverman,	dry goods.....	50	
		<hr/>	\$12 08
W. E. Tucker,	M D.....	3 00	
C. E. Ames,	"	120 00	
Geo. G. Bailey,	"	19 65	
S. A. Pedrick,	"	5 00	
Geo. E. Macarthur,	"	235 97	
		<hr/>	\$383 62
B & M R R Co, Fares Poor Travellers		\$64 35	
G A Schofield, Fares Poor Travellers		4 80	
		<hr/>	\$69 15

PAID

J. A. Blake, Medicine.....	\$35 20	
C. W. Brown. Medicine.....	8 25	
	— — — —	\$43 45
J. K Chapman. board of son.....	48 00	
Martha Gwinn, allowance from town	8 00	
Augusta Currier, " "	19 00	
Eliza Banner, " "	60 00	
Anna Wall, allowance from Needham..	54 00	
Annie Dole, allowance from Salisbury	72 00	
	— — — —	\$261 00
Wm. L. Clough, nursing Royal.....	2 50	
Mrs. Albert Hicks, nursing Royal.....	4 00	
Mrs. Stephen Jewett, nursing Noyes...	7 25	
Mary Lombard, nursing Noyes.....	8 00	
Isabelle Grant, nursing Noyes.....	10 00	
Sophia Malonson. board Eva Thibe-		
deau.....	49 50	
Seffro Comeau, board Eva Thibedeau	4 00	
Mary Wood, board.....	7 50	
C. O. Amazeen, meals for traveller.....	25	
B Scahill, meals for travelers.....	4 50	
F B Baker, millinery.....	1 50	
American Ex Co, express.....	75	
A S Garland, exp to Tewkesbury.....	2 50	
P E Clark, funeral expenses.....	15 00	
Chronicle Pub Co, printing blanks.....	3 00	
D A Grady. horse hire.....	7 00	
John Callahan, board of abandoned		
child	8 88	
Samuel Hobbs & Co, blanks.....	1 00	
Sisters Charity, Salem Board, Cotter	5 00	
G A Schofield, expense poor cases.....	9 00	
D S Appleton expenses poor cases...	5 85	
S C Gordon milk.....	45 75	
	— — — —	\$203 63

 POOR IN OTHER TOWN.

PAID

Wenham aid of Norwood.....	\$ 6 75	
Boston in aid of Putnam.....	95 00	
Gloucester in aid of Evans boy.....	108 00	
Salem in aid of Carey.....	12 86	
Merrimac in aid of Whittier.....	61 75	
Ware in aid of Picard.....	149 39	
Commonwealth board of Grant, Roy- al, Stone and Hayes.....	470 82	
	<hr/>	\$904 57

Total amt paid for bills contracted 1899 \$4270 10

Received from Commonwealth.....	16 05	
“ “ city of Salem.....	34 50	
“ “ city of Gloucester.....	108 50	
“ “ town of Lynnfield.....	76 89	
“ “ town of Sherburne.....	113 30	
“ “ town of Needham.....	228 41	
“ “ town of Salisbury.....	72 00	
“ “ Thos Hayes.....	27 39	
“ “ R Stone.....	91 00	
“ “ J B Grant.....	217 72	
	<hr/>	\$985 76

Due from Commonwealth.....	\$155 14	
“ “ city of Boston.....	33 67	
“ “ city of Salem.....	29 43	
“ “ city of Gloucester.....	16 00	
“ “ city of Fitchburg.....	78 50	
“ “ town of Needham.....	28 90	
“ “ town of Hamilton.....	10 02	
“ “ town of Rowley.....	113 08	
“ “ town of Sherburne.....	6 06	
“ “ town of Lynnfield.....	23 00	
“ “ town of Newbury.....	7 69	
“ “ R Stone.....	22 75	
	<hr/>	\$524 24

Total amount paid out.....		\$4270 10
Less amount received from other towns and cities for 1899.....	985 76	
Less amount due from other towns and cities for 1899.....	524 24	
	<u> </u>	\$1510 00
Total cost of Ipswich Poor		<u> </u> \$2760 10

Poor Department.

DR	SUMMARY		CR
To balance appropriation, 1898	4 28	By paid Rent.	\$ 838 17
To appropriation, 1899.	\$2500 00	By paid Fuel,	305 29
To amount received from other towns and cities, 1899,	985 76	By paid Supplies,	1229 39
To amount due from other towns and cities, 1899	524 24	By paid Shoes,	19 75
To balance	255 82	By paid Physicians,	383 62
		By paid Allowances,	261 00
		By paid Incidentals	203 63
		By paid Other Towns	904 57
		By paid B. & M. R. R	
		Poor Travellers	69 15
		By paid Dry Goods	12 08
		By paid Medicine	43 45
Total	\$4270 10	Total,	\$4270 10

TOWN FARM.

BILLS ALLOWED.

PAID

George B. Brown, grain.....	\$743 81	
		<u>\$743 81</u>
Dodge & Spiller, groceries.....	77 93	
N. Burnham, "	39 63	
A. P. Hills, "	51 06	
T. E. Condon, "	30 49	
F. T. Goodhue, "	33 94	
Hart & Lord, "	50 53	
C. Damon & Co., "	75 15	
L. E. Willcomb, "	37 01	
N. J. Bolles, "	18 10	
G. H. Haskell, "	15 84	
C. W. Hayes, "	42 00	
H. F. Fall, "	21 30	
T. H. Lord, "	39 85	
E. P. Rice, "	47 58	
W. F. Hayes, "	20 04	
W. B. Richards, groc and provisions	14 95	
F. G. Brown & Co " "	16 46	
G. W. Tozer, " "	96 39	
A. H. Hills & Co., provisions.....	19 57	
D. W. Kimball, "	61 41	
J. W. Perkins, "	29 59	
T. J. Chaput, "	31 25	
		<u>\$870 07</u>

PAID

W. E. Lord,	dry goods.....	\$ 20 91	
W. S. Russell,	" "	20 34	
Mrs. C. S. Tyler,	" "	4 58	
S. N. Baker,	clothing.....	18 62	
F. G. Langdon,	"	8 00	
C. G. Spiller,	"	30 58	
		—————	\$103 03
I. E. B. Perkins,	boots and shoes.....	17 25	
J. A. Tucker,	" "	8 33	
E. T. Pike,	" "	8 65	
J. Holland,	" "	2 25	
L. D. Pickard,	repairing.....	85	
		—————	\$37 33
Rust & Grant,	fish.....	4 40	
W. S. Atkinson,	"	45 07	
E. J. Grant & Son	"	7 88	
		—————	\$57 35
T. B. Fall & Son	coal.....	39 99	
J. M. Caldwell & Son	"	33 87	
J. S. Glover,	"	22 81	
P. R. Eames,	"	28 49	
		—————	\$125 16
Chas. Patch,	cows.....	92 00	
		—————	\$92 00
J. A. Blake,	medicine.....	17 25	
C. W. Brown,	"	1 15	
C F Chapman,	harness and repairs.....	35 04	
J R Richards,	repairing.....	6 45	
J W Goodhue,	hardware.....	28 06	
J A Smith,	blacksmithing.....	48 95	
M Nolan,	"	21 97	
J Durand,	"	6 00	
Edw Akerman,	"	2 70	
F B Page	"	6 20	
T F Cogswell,	supplies.....	6 25	

PAID

H A Russell, filing saws.....	2 19
W J Norwood, grinding corn.....	13 65
S F Canney, lumber.....	27 84
J M Dunnells, supplies.....	16 45
A H Plouft, supplies.....	26 03
M Newman, supplies.....	4 26
Wm H Thomas & Co, rubber blanket...	6 75
Maynard Whittier, ice.....	11 50
C S Tyler, repairs.....	3 50
C W Lerner, insect powder.....	6 50
G W Spiller, painting.....	8 00
J H Lakeman, painting barn, carriage house and windmill.....	212 58
J Graffum, repairs.....	23 38
Carter Bros, grinding corn.....	5 95
C H Rollins, moving buildings, etc.....	46 00
Austin Lord, repairs.....	25 70
Boston Insurance Co, insurance.....	24 75
T F Cogswell insurance.....	40 07
Agawam Stable, carriage.....	1 00
Chronicle Pub. Co., subscription.....	1 50
Independent Press, subscription.....	1 50
W A Spiller, repairs.....	36 60
J Stackpole & Son, fertilizer.....	69 12
C O Amazeen, tobacco.....	25 20
Moses Grimes, salt fish.....	2 49
A C Damon, furniture.....	12 40

 \$834 93

LABOR.

PAID

Charles W. Sylvester, superintendent...	\$600 00	
Albert Rice.....	34 00	
C St Cyr.....	209 28	
Wm Ross.....	131 00	
Belle McKenzie.....	156 00	
Ella McKenzie	156 00	
	<hr/>	\$1286 28
Bills paid by Supt.....	79 45	
	<hr/>	\$79 45

Received from Sales from Farm.

Cream.....	\$717 07	
Milk	322 55	
Potatoes	76 65	
Pigs.....	102 50	
Calves.....	170 00	
Hay	248 20	
Eggs	32 26	
Butter	12 42	
Colt	50 00	
Board H. Fall.....	90 00	
	<hr/>	\$1821 65

Due for sales at Farm.....	389 61
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Total sales.....	\$2211 26
------------------	-----------

Total amt. paid for support of Farm..	\$4229 41
Total receipts.....	1 821 65
Amt. due Farm.....	389 61
	<hr/> \$2211 26

Balance expense of Poor at Farm	\$2018 15
---------------------------------	-----------

Number of inmates at Farm during year.....	20
Number of inmates at Farm Jan. 1, 1900.....	18
Average cost per week of each inmate.....	\$2 04

Town Farm.

DR

SUMMARY

CR

To appropriation,	\$1500 00	Amt. paid Grain,	\$ 743 81
To sales at Farm,	1825 65	Amt. paid Groc & Pro.	870 07
To due Farm.	389 61	Amt paid Clothing,	103 03
To balance,	518 15	Amt. paid Boots & Shoes,	37 33
		Amt. paid Fish,	57 35
		Amt. paid Coal,	125 16
		Amt. paid Cows,	92 00
		Amt. paid Incidentals,	834 93
		Amt. paid Labor,	1286 28
		Amt. paid by Supt.	79 45
Total		Total,	
	<u>\$4229 41</u>		<u>\$4229 41</u>

INVENTORY OF PROPERTY AT TOWN FARM.

STOCKS, TOOLS, ETC.

	1899		1900		INCREASE	DECREASE
	NO.	VALUE	NO.	VALUE		
Oxen - - - -	2	\$150	2	\$150	\$	\$
Cows - - - -	25	750	34	1020	270	
Heifers - - - -	10	200	1	20		180
Bulls - - - -	1	40	1	40		
Horses - - - -	4	400	4	500	100	
Colts - - - -	1	50				50
Fat hogs - - - -	15	225	8	120		105
Shoats - - - -	16	40				40
Pigs - - - -	29	58	11	22		36
Fowl - - - -	100	50	60	30		20
Horse wagons - - - -	4	90	4	75		15
Horse wagons - - - -	1	50	1	50		
Horse cart - - - -	1	50	1	50		
Pung - - - -	1	10	1	10		
Ox wagons - - - -	3	275	3	275		
Ox carts - - - -	2	75	2	75		
Mowing machines - - - -	4	110	4	100		10
Plows - - - -	4	20	4	20		
Cultivators - - - -	1	5	1	5		
Horse hoes - - - -	2	16	2	12		4
Harrows - - - -	4	50	4	45		5
Ox sleds - - - -	2	40	2	40		
Drag - - - -	1	5	1	5		
Wood, cords - - - -	58	348	51	408	60	
Coal, tons - - - -	10	60	18	108	48	
Groceries - - - -		73		75	2	
Dairy utensils - - - -		140		126		14
Furniture and bedding - - - -		450		450		
Range and fixtures - - - -		145		130		15
Stoves and furnaces - - - -		130		130		
Winnowing mills - - - -	2	8	1	8		
Wheel rakes - - - -	2	25	2	25		
Tedders - - - -	2	20	1	15		5
Tools - - - -		75		75		
Blocks and ropes - - - -		5		5		
Harness - - - -	6	90	6	90		
Rack - - - -	1	15	1	15		
Suction pump - - - -	1	4	1	4		
Windmill and tank - - - -		200		200		
Potato digger - - - -	1	20	1	15		5
Scales - - - -	1	23	1	23		
Fire extinguishers - - - -	12	12	9	9		3
Wheelbarrows - - - -	2	6	2	6		
Screen - - - -	1	5	1	5		
Totals - - - -		\$4613		\$4586	\$480	\$507

PRODUCE, ETC.

	1899		1900		INCREASE	DECREASE
	NO.	VALUE	NO.	VALUE		
Corn, bushels - - -	400	\$100	588	\$147	47	
Beans, " - - -	12	18	8	20	2	
Potatoes, " - - -	150	105	400	235	130	
Roots, " - - -	25	12	50	25	13	
Onions, " - - -						
Apples, barrels - -	15	38	6	9		29
Ice - - -		60		60		
Pork, pounds - - -	300	21	150	10.50		10.50
Soap, " - - -	100	5	100	5		
Ham, " - - -	40	4				4
Fish, " - - -			25	1	1	
Lard, " - - -	20	2	10	1		1
Butter, " - - -	30	8	50	16	8	
English hay, tons - -	91	1092	40	640		452
Salt hay, blk grass, tons	161	804	186	1488	683	
Barley, fodder, tons -						
Mulch, tons - - -	3	12	2	8		4
Squash, - - -		10		17	7	
Straw, " - - -	3	30				30
Vinegar, gallons - -	180	27	200	30	3	
Cabbages - - -						
Phosphate - - -	2	3	2	3		
Grain - - -		35		32		3
Corn, fodder, tons - -						
Rowen, tons - - -	17	136				136
Totals, - - -		\$2523		\$2747.50	894	669.50
Inven'y, stock, tools, etc		4613		4586	480	507
		\$7136		7333.50	1374	1176.50
				7136.	1176.50	
				197.50	197.50	

Summary of Income and Expenses at Town Farm for the Years 1896, 1897, 1898, 1899.

	1896	1897	1898	1899
Expenditures, - - -	\$3,639.75	\$4,078.43	\$3,695.75	\$4,229.41
Income, - - -	1,772.83	1,719.68	1,595.75	2,211.26

The Overseers of the Poor Department is one in which it is impossible to say that the appropriation of such and such an amount will cover the expense. It is a department in which no money should be spent unless in cases of necessity, and when necessity calls, the Overseers must obey, and they must see that the needs of all poor and needy are attended to, appropriation or no appropriation. The past year has been one in which the calls have been frequent and in many cases they have been of such a nature as to be expensive cases. The result is that we have been compelled to overdraw the appropriation \$255.82 but we feel that the people of Ipswich will sanction our action, so long as they know that the money has been expended to assist those who were needy. There are a few who criticise the Overseers because help is given, perhaps to a family where the man does not make the best use of his money, but they should remember that even in such cases, the mother and children cannot be allowed to suffer. There are others who criticise because this or that party has been refused assistance, but they should remember that there are oftentimes facts which the Overseers have, which justify such refusal, and which are unknown to the critics. We are confident that the greater part of the people are satisfied, that the men who represent them in this department, aim to do justice both to the poor and the tax payer, by never refusing a worthy appeal, and at the same time exercising due care that those who receive aid actually need it.

We would call attention to the amount paid to Dr. C. E. Ames, \$120.00, which may seem a large sum when the town has a Town Physician. As stated last year, the poor were allowed to have a Homœopathic Physician if they desired, and one family has so requested throughout the year, and over \$100 of the amount paid Dr. Ames was for that family, which was all charged to Rowley as the family has a residence at that place. The report of Dr. Macarthur, the Town Physician shows that he attended calls as follows: • Jan., 66; Feb., 22; March, 18; April, 37; May, 23; June, 65; July, 53; Aug. 46; Sept., 50; Oct. 15; Nov., 41; Dec., 54; a

total of 490 calls during the year. For this he received \$200, and nearly 90 per cent. of all the medicine was also furnished by Dr. Macarthur free. The extra \$35.97 received by him, was for surgical work, which was not included in his contract. Of the \$200 paid him \$193 has been paid back by other towns, so that it will be seen that the cost of the Town Physician to Ipswich has been very small.

It should be stated that the increased prices on almost every article purchased, has been a factor in increasing expenses in this department this year.

The same is true at the Farm. The expenses have been increased from \$3695.75 to \$4229.41. The larger part of this increase however, is due to the painting of the barn and other buildings, which cost \$212, and which was badly needed. \$64.00 additional expense for insurance came due this year also. It will be seen that the receipts for sales from the farm have been increased from \$1595.75 last year to \$2211.26 this year, which is a very gratifying increase.

The inventory of the property at the farm as shown by the tables. shows also an increase, in spite of the fact that we have decreased the list value of many articles, allowing for a fair per centage of decrease for wear and tear. The total increase is \$1374.00 while the decrease is \$1176.00, making a net increase of \$197.50. If this amount were added to the receipts for sales at the farm, as has been the custom in the past, it would be found that the average cost of keeping the inmates is reduced from \$2.04 per week, to \$1.84, but as stated last year, we do not believe in that system of bookkeeping. Should prices drop the coming year below the quoted prices in the tables, it will readily be seen that that system of bookkeeping would throw a large extra expense on the Farm account, which would not properly be chargeable to it for the year, so we simply state the value of the property, as a separate item and do not use it for getting a low average rate, preferring to let each year show for itself. We also call attention to the fact that although the expenses at the farm have increased during the past year, the receipts are also much larger, and the stock on hand of more value, so that on the whole, the year has been a fairly successful one.

The question of whether or not it is good policy to own and run so large a farm for a Poor Farm, is one on which men have and will differ, but there is one proposition which we submit, and that is, that the critics take a trip to the farm; stay 24 hours and get acquainted with the inmates; see the condition in which sickness and misfortune has left one half of them; ascertain how pleasant it is to deal with them, and then come back to town tell the people where they can get them boarded, nursed and clothed at a net cost of \$2.04 a week each. It must be remembered that farming is not the first care there. The care of the inmates comes first, and what farming can be done, afterwards, and no criticism in which that is not taken into consideration is a just criticism.

In conclusion we wish to thank those who have rendered assistance to us in our work, (and there are many such), and to recommend the same appropriations as last year.

Respectfully submitted,

George A. Schofield,	} Overseers	
Charles S. Cummings,		of
Daniel S. Appleton.		Poor.

Ipswich, Jan. 20, 1900.

SCHOOLS.

Bills allowed for the Manning and common schools during the year 1899.

Manning School.

PAID

Trustees of Manning School as per contract	\$1350 00
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Teachers.

Bills approved and allowed by the school committee.

PAID

Lucy Hamlin.....	\$ 780 00
Carrie L. Lakeman.....	585 00
Annie C Hatch.....	487 50
S Isabel Arthur.....	468 00
Eva M Purinton.....	429 00
E Mable Adams.....	409 50
Eva A Willcomb.....	370 50
Katherine F. Sullivan.....	487 50
Grace E Smith.....	312 00
Kate C Baker.....	361 00
Lucy A Kimball.....	312 00
Mabelle R Willis.....	390 00
Annie P Wade.....	370 50
Myrta B Decatur.....	67 00
Harriet D Condon.....	292 50
Cora A Smith.....	243 75
Louise S Glover	312 00
Martha U Lord.....	213 75

O Louise Purinton.....	276 80
Mary E Archer.....	46 70
Edith F Perley.....	292 50
Isabel G Brown.....	254 25
Cora H Jewett.....	191 50
Laura A Hubbard.....	166 25
Augusta N Appleton.....	87 50
	<hr/> \$8237 00

Books and Supplies.

PAID

Oliver Ditson Co.....	5 07
Wm. Ware Co.....	78 00
Weeks & Potter Co.....	28 79
Boston School Supply Co.....	47 34
Ginn & Co.....	197 37
D C Heath & Co.....	33 00
J L Hammatt Co.....	114 31
Edward E Babb & Co.....	221 78
Prang Educational Co.....	2 40
Silver, Burdette & Co.....	18 13
J P Lippencott Co... ..	12 90
Jos Gillot	20 00
Allyn & Bacon.....	39 51
American Book Co.....	20 32
Perry & Co	22 35
Geo F King & Co.....	67 29
Harper Bros.....	1 16
Wadsworth Howland Co.....	15 05
Perry Picture Co.	4 16
Horace A Brooks.....	10 50
Werner School Book Co.....	291 21
W O Hartshorn.....	14 60
M R Warren Co.....	1 50
Folsom & Summergan.....	8 20
Davis & Hannible.....	12 20
Ziegler Electric Co.....	23 04
Rand McNally Co	6 09

Masten & Wells Mfgs. Co.....	4 13	
Houghton Muffin & Co.....	11 90	
J C Stone.....	4 13	
Chronicle Pub Co.....	19 25	
Independent Printing Co.....	36 85	
H D Condon, paints, brushes, etc.....	28 74	
J A Blake, sundry supplies.....	8 87	
Lawton & Co.....	2 13	
F F Byron.....	7 50	
		<hr/> \$1439 68

Care of Schoolhouses.

PAID

William P Gould.	janitor.....	\$275 00	
William Kirk,	"	275 00	
Robert Kinnear,	"	14 30	
George E Smith,	"	9 00	
A Eastman,	"	10 00	
Charles Bailey,	"	10 00	
M White, cleaning.....		4 00	
Mrs Grimes, cleaning.....		3 60	
J B Mitchell, cleaning vaults.....		31 00	
		<hr/>	\$631 90

Fuel.

PAID

J M Caldwell & Son, coal.....	\$122 70	
T B Fall & Son,	"	132 01
J S Glover,	"	127 09
P R Eames,	"	101 84
N R Underhill, wood.....	10 00	
Oliver A Bailey, wood.....	9 00	
Jos R Wilson, wood.....	7 00	
Seth Senior, wood.....	5 25	
C E Howe, wood.....	11 75	
R Dewar, sawing wood.....	3 50	
Maynard Russell, sawing wood.....	7 12	
	<hr/>	\$537 26

Repairs, Etc.

PAID

J R Merry, labor.....	75
J F Wippich, fixing clock.....	1 50
T P Thomas, repairing roof.....	2 50
Austin L Lord, labor.....	9 85
W L Johnson, repairs.....	25 08
J W Goodhue, supplies.....	29 81
C W Spiller, labor.....	4 60
F H Hicks, painting.....	13 55
Geo W Spiller, ".....	27 50
Elmer C Smith, ".....	15 00
J W Newman, ".....	48 91
A H Staniford, ".....	110 18
Walter Sheppard, ".....	6 00
T F Cogswell, paints, oils, etc.....	61 99
Foster Russell, labor.....	46 98
M Newman, supplies.....	85
Geo Haskell, repairs.....	3 25
C E Brown & Son, lumber.....	2 31
J M Dannels, repairs.....	1 50
A W Gould, ".....	1 80
C H Rollins, ".....	14 00
S F Canney, lumber.....	51 59
A H Plouff, repairs.....	40 76

————— \$520 26

Incidentals

PAID

Millett & Woodbury, No school alarm	10 00
American Express Co, express.....	4 80
Jackson Ex Co ".....	15 35
A D Mallard, ".....	4 30
Albert Tenney, ".....	3 17
H F Foss, ".....	60

Geo P Smith, P. M., postage stamps.....	9 00	
Water Dept., water.....	78 68	
Ipswich Mills, Gas pipe.....	2 31	
C H Hare, meals.....	1 50	
F R Hull, printing.....	1 25	
Edw S Cogswell, boat to island.....	1 50	
Mrs C S Tyler, ribbon.....	5 40	
Chas M Southgate, address.....	25 00	
Agawam Stable, horse hire.....	3 00	
Josiah A Perkins, horse hire.....	1 50	
J W Nourse, expenses.....	3 91	
C S Cummings, brooms.....	2 00	
C S Cummings, taking census.....	25 00	
H K Dodge, pail.....	30	
W E Lord, ribbon.....	98	
Ipswich Gas Co, gas.....	4 00	
G B & E St R R Co, transportation.....	264 00	
D A Grady, transportation.....	149 00	
Austin Morse, transportation.....	98 00	
		\$714 55

DR

SUMMARY

CR

To amt. of 1898 appropriation unexpended	\$642 36	Amt. pd Trustees of Manning school	\$1350 00
To appropriation, 1899	12500 00	Amt. pd Teachers	8237 00
To amt, rec'd from dog license	343 28	Amt pd Books & Sup.	1439 68
To amt. from other towns, tuition	55 01	Amt pd care of school-house	631 90
To sale car tickets	3 00	Amt. pd for Fuel	537 26
		Amt. pd Repairs	520 26
		Amt. pd Incidentals,	714 55
		Amt. to balance	113 00
Total	\$13543 65	Total,	\$13543 65

FEES AND SALARIES.

Selectmen.

PAID

Geo A Schofield.....	\$150 00	
John A Brown.....	75 00	
Charles E. Goodhue '98 and '99.....	87 50	
	-----	\$312 50

Assessors.

PAID

George A Schofield	\$150 00	
Daniel S Appleton.....	75 00	
Charles E Goodhue '98 and '99.....	87 50	
	-----	\$312 50

Overseers of the Poor

PAID

George A Schofield.....	\$150 00	
Charles S Cummings.....	75 00	
Dan'l S Appleton.....	75 00	
	-----	\$300 00

Chas W Bamford, town clerk.....	\$150 00	
Thomas E Condon, treas and col.....	600 00	
Henry F Dannels, auditor.....	50 00	
	-----	\$800 00

Schools

PAID

Chas S. Cummings. committee.....	\$82 55	
Milo H Gates, "	51 25	
Harriet E Noyes, "	70 75	
John W Nourse, "	52 50	
John H Cogswell, "	106 25	
Chas W Bamford, "	29 50	
John H Cogswell, purchasing agent.....	75 00	
F B Page, truant officer.....	20 00	
W H Brocklebank, truant officer.....	20 00	
		<hr/>
		\$507 80

Registrars.

PAID

Chas W Bamford.....	\$30 00	
J Farley Kinsman.....	20 00	
C H Glasier	20 00	
L H Daniels	20 00	
		<hr/>
		\$90 00

Police.

PAID

Frank B. Page.....	\$271 55	
Charles T. Littlefield.....	227 50	
Charles H, Rollins.....	7 50	
Newell M. Jewett.....	320 00	
Frank C Hull.....	311 65	
A S Garland.....	271 00	
J A Lord, special.....	9 25	
C M Jewett, "	7 75	
John Atherley, "	6 50	
Geo Gwinn, "	6 50	
C E Riva, "	6 00	
J R Richards, "	6 50	

E, Walton,	"	.....	6 25	
W H Jewett, 2nd"		.....	5 75	
N H Lord,	"	.....	6 50	
Eugene Girard	"	.....	2 50	
W B Atkinson,	"	.....	11 75	
				————— \$1484 45

Constables.

PAID

F B Page, posting warrants.....	10 00	
N M Jewett, posting warrants	5 00	
C T Littlefield, posting warrants.....	5 00	
		————— \$20 00

Board of Health.

PAID

James Griffing.....	\$50 00	
George W Smith.....	50 00	
Levi W Mallard.....	50 00	
		————— \$150 00
W H Brockleband, keeper of lockup.....	50 00	
Luther Wait, moderator.....	10 00	
C W Bamford, recording deaths, etc.....	78 80	
G G Bailey, M D, returning births	13 50	
C E Ames, M D, " "	2 00	
W E Tucker, M D, " "	9 25	
G Haskell, returning deaths.....	9 50	
O M Hills, " "	75	
S N Baker, clerk cem. com.....	15 00	
		————— \$188 80

Election Officers.

PAID

F F Byron.....	\$5 00
A F Welch.....	5 00
Wm Marshall	5 00

Chas W Woodbury	12 50	
Wm J Flemming.....	12 50	
J W Nourse.....	7 50	
V E Rust.....	7 50	
A H Peatfield	5 00	
Warren Girard.....	7 50	
W A Clark.....	7 50	
John J Carey.....	12 50	
W T Lewis.....	7 50	
Willis Augur.....	12 50	
C C Caldwell	5 00	
Ellsworth Walton.....	7 50	
Chas H Noyes.....	12 50	
Clarence A Jewett.....	10 00	
Frank H Jewett.....	12 50	
C S Cummings.....	5 00	
A H Walton.....	5 00	
W B Atkinson.....	5 00	
Eugene Girard.....	5 00	
H S Hills.....	5 00	
J E Gallagher.....	5 00	
W H Rand.....	5 00	
		\$190 00

DR

SUMMARY

CR

To balance 1898 appro-		By amt pd police	\$1484 45
priation	\$ 110 61	" " " school offi-	
To appropriation 1899	4500 00	cials	507 80
		By amt pd board of	
		health	150 00
		By amt pd constables	20 00
		" " " registrars	90 00
		" " " auditor	50 00
		" " " other offi-	
		cials	2053 80
		By balance	254 56
	\$ 4610 61		\$ 4610 61

FIRE DEPARTMENT.

TO THE SELECTMEN OF IPSWICH,
GENTLEMEN:

Following is the report of the Board of Engineers of the Fire Department for the year ending Jan. 1st, 1900.

Number of alarms	11
Property damaged by fire	\$ 3,207 00
Insurance on the same	13,800 00
Insurance paid	2,980 00
Number of men in department	67
Value of fire department equipment	7,000 00
Value of buildings occupied by the department	3,000 00
Number of feet good hose	5,000
Number of feet of poor hose	500

We have disposed of the Neptune Engine to the Veteran Fire Co., of Newburyport, for the sum of \$500 00. A new hose wagon has been placed in Hose 2 House, at a cost of \$346 00. Also swing harness in Hose 1 and in Hose 2 houses, at a cost of \$95 00. We have also bought weights for harness at a cost of \$25 00. Our fire alarm has worked satisfactory. We have placed 8 boxes in locations as follows: Box 1, Hose 2 House; Box 2, Head of Warren st; Box 3, L Willcomb's store; Box 4, Green st Bridge; Box 5, Frank Goodhue's store; 2 Boxes in ward 6, one at the foot of Central st and one at Depot square; Box 7, Griffing's Corner. We recommend a change in some parts of the alarm system the coming year. Water and Gas have been put in both Hose 1 and 2 houses.

We recommend that \$1,500 00 be raised and appropriated to run the Fire Department the ensuing year.

We also recommend the purchase of 300 feet of new hose, to take the place of condemned hose.

We extend thanks to the members of the department for their willing response to all calls, also to those not in the department, who rendered aid at fires.

Respectfully submitted,

A. J. Barton,	}	Engineers
R. R. Glasier,	}	of
J. M. Caldwell,	}	Fire Department.

Forest Fires.

PAID

W F Warner.....	\$1 75
Jos Martel.....	1 75
W B Andrews.....	1 75
Dan'l Quill.....	1 75
Peter Duran.....	1 75
Geo Potter.....	1 75
Jos Quill.....	3 50
J C Gerry.....	2 75
Eugene Sullivan	1 75
J J Andrews.....	1 75
Peter Quill.....	1 75
Walter Chapman.....	2 75
C C Caldwell.....	1 25
J R Morris.....	2 25
Geo Hill.....	2 25
Chester Patch.....	1 25
C W Steele.....	3 50
Fred C Rust.....	50
V E Rust.....	50
F A Gove.....	50
Dan'l Wells.....	50
G W Brown.....	50
J M Caldwell.....	2 25
A J Barton.....	1 25
J W Patterson.....	1 00
Fred W Russell.....	2 25
W B Richards.....	1 75
J R Richards.....	2 75
Edw H Smith.....	4 75
Alfred Young	3 50
Edw Davis.....	2 50
Chas R Lord.....	75
Walter Hicks.....	1 00
Roderick Cummings.....	1 00
Thomas Boylan	1 00

Geo Gwinn.....	1 00
E S Greenleaf.....	1 00
Thos Roberts.....	1 00
Dennis Bryant.....	1 00
J J Andrews, Jr.....	2 25
A F Burnham.....	1 75
E D Warner.....	1 75

\$73 25

Department Expenses.

PAID

Steamer No 1 Company.....	\$225 00
H & L No 1 Company.....	300 00
Neptune No 2 Company.....	170 00
Torrent Engine Company.....	120 00
Engineers, salary.....	115 00
Thos H Lord, supplies.....	4 17
C F Chapman, repairs.....	40
A C Damon.....	4 90
M Callahan, labor.....	2 75
H C Copp, ".....	2 75
D H Wells, ".....	3 85
W W Wait, ".....	1 60
C W Brown, ".....	65
Agawam Electric Co, labor.....	2 80
J A Fogg, ".....	4 00
Walter Brocklebank, ".....	4 25
Jere Brocklebank, ".....	3 45
J E Norman, ".....	9 00
L Goditt, ".....	2 75
T C Tilton, land rent.....	2 00
Chronicle Pub Co, printing.....	9 00
A D Mallard, teaming.....	7 88
T B Fall & Son, coal.....	12 67
J M Caldwell & Son, coal.....	36 10
Willard Harris, express.....	3 75

PAID

Water Dept., putting water in houses..	61 99
A H Plouff, piping houses.....	34 16
J M Dannels, piping houses.....	29 36
J B Mitchell, cleaning vaults.....	2 00
James Fairfield, coal.....	3 38
T E Condon, supplies.....	90
T F Cogswell, supplies.....	1 34
Ipswich Mills, supplies.....	2 40
D A Grady, hauling truck.....	13 00
Carter Bros, hauling engine.....	16 00
Ipswich Water Dept, supplies.....	80
American Express Co, express.....	20
J H Lakeman, painting.....	8 60
Wm H Bird, labor on Fire Alarm.....	45 74
“ “ supplies	21 28
Jackson Ex Co., supplies and express	29 74
H F Tonge, labor.....	45 50
N Archer, “	2 25
Callahan & Co., Gong Striker.....	5 00
Chas G Daniels, labor on alarm.....	7 88
Thos Scahill, “ “ “	6 40
A S Hills, “ “ “	13 00
A H Walton, “ “ “	17 20
R E Villas, “ “ “	40 17
Edw H Smith, “ “ “	3 00
J M Caldwell, “ “ “	5 00
Walworth M't'g Co., whistle and pipe	50 66
M Newman, work on whistle.....	33 00
T W Gleason, wire, etc.....	6 45
Pettingill. Andrews & Co., battery, etc	18 51
Boston Electric Co., fire alarm boxes...	32 00
A J Wilkinson, supplies.....	1 79
C W Richardson, “	2 80
C F Chapman, harness and repairs.....	109 55
J H Baker. steward and labor.....	11 00
S Henry Stevens, steward.....	20 00
F Carter, “	40 00

PAID

E N Brown, supplies.....	14 30	
James Graffum, new hose wagon.....	346 00	
“ “ repairs, etc.....	26 61	
J W Goodhue, wire etc.....	71 08	
F Carter, hauling engine.....	4 00	
Eagle Oil and Supply Company, oil....	1 50	
A S Jackson, lanterns.....	3 00	
Mrs White, clothing destroyed.....	1 10	
G G Bailey, “ “	2 50	
Mrs Hazelton, work on coats.....	2 00	
Barton & Williams, supplies.....	1 20	
M Nolan, iron work.....	80	
F E Hodgdon, salary.....	2 50	
Electric Gas Light Co, supplies.....	70	
	-----	\$2268 06

DR

SUMMARY

CR

To balance appropriation 1898	\$ 50 66	By cash pd forest fires	73 25
To appropriation 1899	1800 00	By cash pd department expenses	2268 06
To cash from sale of Neptune	500 00	By balance	9 35
	<u>\$ 2350 66</u>		<u>\$ 2350 66</u>

STREET LAMPS

PAID

A C Damon, supplies.....	\$1 18	
M Nolan' iron work.....	4 55	
J M Dannels, repairs.....	2 10	
Wm B Richards, supplies.....	1 00	
James A Lord, balance of 1897 salary	50 00	
John Dupray, care of street lights.....	1094 83	
Ips. Gas Light Co., gas.....	262 60	
C W Brown, mantles, chimneys. etc....	93 10	
J W Goodhue, new lights and repairs...	66 11	
F Russell, labor.....	26 74	
	<hr/>	\$1602 21

DR

SUMMARY

CR

To appropriation	\$1500 00	By bills pd 1899	\$1552 21
To balance	102 21	By bills pd 1897	50 00
Total	<hr/> \$1602 21	Total,	<hr/> \$1602 21

HIGHWAYS AND BRIDGES.

District No. 1.

ARTHUR W. CONANT, SURVEYOR.

Snow Account.

PAID FOR SHOVELLING, Etc.

Arthur W Conant.....	\$56 10
Everett G Damon.....	4 40
William A Clark.....	8 00
Wm J Flemming	8 30
Wm T Lewis.....	9 80
Chas F Damon.....	4 20
Geo Young.....	4 70
Edw M Poole.....	10 00
Herbert Witham.....	8 40
Irving Hurlburt.....	2 80
Frank L Ellsworth.....	2 80
Ralph Hatch.....	2 60
Chas Daniels.....	2 80
Wayland W Wait.....	10 00
Augustus Peatfield, Jr.....	2 60
Geo Tenney.....	6 60
William Shepherd.....	2 00
Daniel Measures.....	2 70
Edw S Cogswell.....	4 50
Howard H Palmer.....	1 00
J M Caldwell & Son.....	6 50
Geo Scott, Jr.....	80

Fred A Carter.....	17 90
James A Lord.....	4 20
D A Grady.....	11 00
Smith E Hayes.....	9 40
John G Rollins.....	80
Geo Brocklebank.....	7 90
Edw Reddy.....	30
W Sutton Jewett.....	2 60
Erastus Clark.....	10 00
Joseph Leno.....	2 80
Wm E Barton.....	7 00
Daniel H Wells.....	5 50
Robert Gove.....	3 00
D L Willcomb.....	80
John R Patch.....	9 50
J C Low	4 50
David Hinckley.....	3 20
Wm Daniels.....	3 20
William Goditt.....	1 70
Thomas Roberts.....	4 70
G H Low.....	3 60
Albert Lord.....	5 20
Safford Bros.....	1 50
Warren Girard.....	2 00
G H Lord.....	6 04
John T Harris.....	3 25
Henry L Cook.....	40
Geo Scott, Sr.....	2 00
Wm Ready.....	1 30
Henry Churchill.....	1 50
Geo B Brown.....	14 70
Chester Patch.....	2 00
John Mayes	7 20
Michael Young.....	13 00
Alfred Young.....	5 00
Samuel White.....	4 00
Joseph White.....	2 80
Charles Graffum.....	10 40

Jacob Thibideau.....	9 60
Edgar Story.....	5 10
Emory Girard.....	4 70
Conlin McDonald.....	6 10
William Hallam Jr.....	3 30
Charles Herbert.....	6 90
Geo H Gilmore.....	1 80
Asa Fiendal.....	3 60
William Fiendal.....	2 10
Angus McIntire.....	1 80
Charles McIntire.....	1 80
Harry Bampton.....	3 50
Robert Burns.....	4 10
John Peatfield.....	1 80
Herman Frost.....	5 20
William Richards.....	2 00
Albert Willett.....	1 60
Edward Brooks.....	2 40
Dennis Minihan.....	2 70
Chester Perley	2 20
William McCloud.....	2 90
Harry B Brown.....	11 50
Michael Reddy.....	7 50
Robert Spencer.....	3 80
Elmer Wiley.....	7 60
Jerry Sullivan.....	6 40
Charles Smith.....	1 00
Michael Judge.....	60
Daniel Sheehan.....	1 00
Thomas Seahill.....	3 80
Walter Hicks.....	80
Fred T Thompson.....	2 00
Ralph Grant.....	1 00
John Minihan.....	2 90
Alfred Barton.....	6 80
James F Fall.....	2 20
Walter Grant.....	2 40
Nathaniel Rust.....	1 40

Silas Stone.....	1 10
Charles Dorr.....	1 80
Charles Barton.....	1 80
V E Rust.....	1 40
Geo W Brown.....	3 20
Daniel D Wells.....	2 00
Alonzo Brown.....	3 50
A Montgomery.....	1 00
Nath H Lord.....	2 00
E P Grant.....	3 60
Fred Grant.....	60
Arthur Shepherd.....	1 70
Leander Jewett.....	1 80
W F Brocklebank.....	9 35
Geo Upton.....	5 70
W P Ross.....	5 00
Walter Ross.....	3 00
Geo H Brocklbank.....	6 80
Wm H Burnham.....	5 90
T B Fall & Son.....	43 00
Roy Brocklebank.....	50
Elmer Andrews.....	2 60
Stephen Caswell.....	50
P R Eames.....	4 20
Wm Stone, Jr.....	6 70
C E Grant.....	2 40
T R Lord.....	31 50
H N Jewett.....	10 50
L M Blaisdell.....	7 00
James McLaughlin.....	4 80
Price G Williams.....	3 00
W L Dresser.....	4 40
Thomas Hills.....	5 40
J S Choate.....	4 40
J W Davis.....	2 40
Levi L Howe.....	7 40
Sam'l C Parsons.....	3 80
Frank Gill.....	6 00

Lemuel Parsons.....	6 00
J A Nason.....	4 00
Reuben Andrews.....	4 80
Sam F Foss.....	4 90
Howard F Foss.....	60
Mrs W G Brown.....	66 20
J E M Hardy.....	4 20
Earnest Lemay.....	4 50
A H Walton.....	2 00
Albert S Hills.....	8 85
James Morey.....	1 90
Albert Felton	1 00
R Fiendal.....	80
M Laffy.....	2 10
John Doyle.....	3 40
Walter Pitman.....	2 20
Wm Girard.....	2 40
Earnest Carter	80
Geo W Scott.....	5 40
Richard Greenleaf.....	1 00
John Grant.....	1 80
Maynard Russell.....	2 00
Frank W Thompson	70
Geo Hills.....	1 80
V D Grant.....	2 00
Chas Glazier.....	1 00
Eugene Girard.....	2 00
W B Atkinson.....	60
Robt Manthorn.....	2 00
James Scott.....	1 30
John Hamilton.....	2 00
Geo Plouff.....	2 00
Chas L Rust.....	1 40
James B Scott.....	4 25

\$859 04

District No. 2.**NATHANIEL T. LOW, SURVEYOR.****PAID FOR SHOVELLING, Etc.**

N T Low.....	41 70	114 00
Silas Crooker.....	4 80	
Irving Brown.....	7 60	
Wayne Henderson.....	1 40	
Samuel Kilbourn.....	3 60	
Arthur Montgomery.....	4 60	
Farley Lord.....	8 00	
W H Jewett, 2nd.....	5 40	
Stephen Caswell.....	3 60	
Wm Shepherd.....	60	
Emory Hall.....	4 20	
Walter Brocklebank.....	2 80	
Thomas R Roberts.....	2 80	
Geo W Brown.....	2 80	
Elmer Andrews.....	2 00	
Alonzo Brown.....	1 80	
Fred Grant.....	7 40	
William Mayo.....	2 10	
Geo A Hodgdon.....	6 30	
Foster Claxton.....	5 80	
Frank R Daniels.....	1 80	
J J Hull.....	6 60	
E A Spiller.....	7 20	
Daniel H Wells.....	1 70	
Clarence Leet.....	3 20	
Andrew Searls.....	6 20	
Raymond Dodge.....	1 80	
John T Sherburn.....	7 43	
Lester Short.....	2 60	
George Spencer.....	3 80	
S J Cameron.....	2 60	

Walter P Ross.....	1 00
Walter Grant.....	3 00
Jere Brocklebank.....	2 00
Clarence E Grant.....	2 60
John Rollins.....	4 60
P R Eames.....	7 00
W L Stone Jr.....	4 30
Frank H Jewett.....	1 60
Fred Hull.....	2 60
Duncan Stewart.....	80
Everett Damon.....	20
Charles Dorr.....	80
George Brocklebank.....	1 60
Charles Damon.....	3 00
Harold C Poore.....	2 80
James A Lord.....	6 00
Robert Spencer.....	1 00
Roy Brocklebank.....	4 30

 \$213 43

District No. 3.

ALLAN W. BROWN, SURVEYOR.

PAID FOR SHOVELLING, Etc,

Allan W Brown.....	71 50
J T Harris.....	8 40
Wm Soar.....	6 40
John Cronin.....	8 60
W E Barton.....	5 40
A E Barton.....	4 00
Frank Barton.....	4 00
A Sheppard.....	6 60
Geo Brocklebank.....	1 00
W H Burnham.....	2 80
Alfred Young.....	1 00

Ambrose Young	1 00
E C Smith.....	9 80
Wilson Platt.....	10 20
David Hinkley.....	8 20
Wm Daniels.....	8 20
M Laffy.....	1 00
J H Hull.....	8 40
J H Hull, Jr.....	5 80
John Dorr.....	9 00
Geo McGilfrey.....	11 60
Wm H Jewett.....	2 80
Robt Gove.....	6 40
W E Girard.....	6 20
Frank Currier.....	5 10
Wm Stacey.....	7 20
G Conrad.....	9 80
J F Story.....	3 00
W B Atkinson.....	2 20
A W Atkinson.....	3 60
Jos Wright.....	1 40
J H Lakeman.....	5 00
E P Grant.....	3 00
O Grant.....	3 00
Martin Cochrane	4 60
J Wakeham.....	8 90
E A Spiller.....	2 40
A W Montgomery.....	2 40
John Dodge.....	4 60
Jos A Perkins.....	4 60
John Atherley, Jr.....	6 60
J E Norman.....	16 00
Alfred Norman.....	19 00
Chas W Smith.....	7 60
Wm H Bird.....	5 60
John Morehouse.....	20 00
Valorous Grant.....	3 00
Samuel Kilbourn.....	1 60
C A Lect....	1 00

Charles Small.....	3 40	
Leander Jewett.....	5 80	
W H Sheppard.....	1 00	
J W Newman.....	10 00	
Stephen W Caswell.....	1 60	
Jos De La Hay.....	60	
Gustavus Kinsman.....	1 50	
W F Gould.....	17 50	
P R Eames.....	4 80	
W W Wait.....	3 00	
J Howard Burnham.....	1 60	
C F Damon.....	1 00	
W A Banfill.....	2 00	
Geo H Brocklebank.....	3 40	
F McGilfrey.....	1 00	
Henry Frye.....	6 00	
	—————	\$420 70

District No. 4.

JOHN CALBRAITH, SURVEYOR.

PAID FOR SHOVELLING, Etc.

John Galbraith.....	14 75	
Nath H Lord.....	4 00	
James Newbury.....	9 20	
Robt Bruce.....	1 20	
Harry Bampton.....	1 20	
Price G Williams.....	1 20	
Alden Story.....	11 60	
Herbert Shepperson	4 60	
J F Kinsman	18 20	
Eugene M Girard.....	6 00	
	—————	\$71 95

District No. 5.**CARL A. CAVERLY, SURVEYOR.**

PAID FOR SHOVELLING, Etc.

J B Caverly	\$17 60
Walter Story.....	10 60
E K Brown.....	11 60
Geo E Smith.....	17 20
Geo Woodbury.....	10 00
John B Brown.....	19 80
Geo L Woodbury.....	8 00
Frank P Brown.....	5 20
Frank Smith.....	3 00
J E Duprey.....	10 00
H H Story.....	11 40
Chas Patch.....	15 20
Asa R Brown.....	11 40

 \$151 00
District No. 6.**T. MORLEY NORMAN, SURVEYOR.**

PAID FOR SHOVELLING, Etc.

T M Norman.....	\$40 60
E B Moulton.....	28 75
Wm G Horton.....	37 05
Chas G Brown.....	9 00
W F Kinsman.....	47 95
J W Carlisle.....	22 00
Wm Holtum.....	11 00
Amos Bray.....	3 00
Francis Goodwin.....	3 80
John Goodwin.....	4 20
Geo Hopping.....	13 20
Ernest Currier.....	80
G F Scott.....	2 80
John Davis.....	2 80

Irying Hurlbert.....	2 00	
W E Girard.....	3 00	
Wilson Platts.....	3 00	
Alfred Young.....	3 60	
Nathaniel Lord.....	2 00	
S Gordon Sr.....	13 20	
S Gordon Jr.....	17 40	
Wm Hallam Jr.....	4 00	
Wm Clark.....	4 00	
Eugene Girard.....	2 00	
Colin McDonald.....	2 00	
Fred Gordon.....	3 00	
Jos Marshall.....	2 80	
		<hr/>
		\$288 95

District No. 7.

E. NEWTON BROWN, SURVEYOR.

PAID FOR SHOVELLING, Etc

E Newton Brown.....	33 60	
A Story Brown.....	34 00	
Fred G Cross.....	39 80	
Benj R Horton.....	15 40	
John W Mansfield.....	7 80	
Geo A Whipple.....	3 20	
		<hr/>
		\$133 80

District No. 8.

JOHN M. FALL, SURVEYOR.

PAID FOR SHOVELLING, Etc.

John M Fall.....	6 40	
John H Brown.....	10 00	

Amos Scotton.....	4 80	
John McLaughlin.....	18 60	
Geo Hopping.....	9 60	
John Goodwin.....	7 60	
Francis Goodwin.....	5 80	
Manasseh Brown.....	4 40	
A B Fellows.....	23 20	
Jos E Fellows.....	14 00	
Geo Tibbetts.....	1 60	
Henry W Wall.....	2 40	
Chas E Whitney.....	3 40	
	<hr/>	\$111 80

District No. 9.

AARON LORD, SURVEYOR.

PAID FOR SHOVELLING, Etc.

Aaron Lord.....	22 00
M Whittier.....	84 43
Jos R Wilson.....	60
Albert S Brown.....	14 60
F A Brown.....	14 60
Geo Waters.....	70
Edward T Boyle.....	2 25
F R Bray.....	1 25
Amos Bray.....	1 80
C T Littlefield.....	2 70
Asa Littlefield.....	5 20
Wm Kimball.....	70
C L Kimball.....	1 80
Harry F Dodge.....	11 00
Isaac Buzzell.....	1 80
Fred Buzzell.....	3 40
Wm Tarr.....	1 40
Edmund Ready.....	9 20

Edward J Ready.....	\$ 1 80	
Henry Forbes.....	9 20	
James O Smith.....	8 20	
Raymond Lord.....	8 90	
Thomas Sweeney.....	7 80	
David Low	9 80	
Ralph A Hatch.....	1 00	
Frank Ellsworth.....	4 60	
H O Whittier.....	2 80	
Henry Sturgis.....	4 20	
Wm B Sturgis.....	12 60	
Chas Eastman.....	6 60	
	<hr/>	\$256 93

District No. 10.

WILLIAM F. WARNER, SURVEYOR.

PAID FOR SHOVELLING, Etc,

W F Warner.....	17 90
Eugene Sullivan	8 30
Charles Steele.....	7 40
John Gerry.....	9 90
Jos Martel.....	2 60
Peter Quill.....	10 80
J J Andrews Jr.....	3 60
Bracket Bros.....	13 75
Frank Phillips	18 60
J M Purinton.....	8 20
Seth Senior.....	9 80
Eben Hurlburt.....	12 90
Enoch Bailey Jr.....	3 25
Thomas Boylau.....	11 60
Wm Fessenden.....	7 20
G R Bradford.....	4 00
Wm Goodhue.....	13 55
Harry B Brown.....	5 50

Mrs Wm G Brown.....	17 00
John Mayes.....	5 00
Michael Young.....	6 00
Geo H Gilmore.....	2 00
Herman Frost.....	5 80
John Peatfield.....	3 80
Angus McIntire.....	3 80
Charles McIntire.....	2 60
Asa Fiendal	5 20
Wm Fiendal.....	5 20
D Minnihan Jr.....	1 60
Walter Pitman.....	3 60
Alvin Erickson.....	2 80
Michael Reddy.....	50
Dennis Minnehan.....	50
Harry Bampton	50
Robert Bruce.....	50
John C Low.....	50
John Patch.....	50
Wm McLeod.....	50
J. Thibedeau.....	50
Alfred Young.....	50
Robert Spencer.....	50
Wm Hallam Jr.....	50
Colin McDonald.....	50
Edgar Story.....	50
Charles Hebert.....	50
Austin Morse.....	5 50

— — — \$244 85

District No. 11.

THOMAS R. LORD, SURVEYOR.

PAID FOR SHOVELLING, Etc.

Thos R Lord.....	16 65
Dexter McIntire.....	8 50

Hart & Lord.....	2 54
Chas M Jewett.....	1 00
C H Baxter.....	2 00
John H Foss.....	1 80
Frank H Hicks.....	4 60
J H Baker.....	6 40
Francis Scotton.....	1 60
Edw Davis.....	3 20
W P Pickard.....	5 00
Walter Hicks.....	11 60
Wesley B Copp.....	9 20
Jos Leno.....	8 90
Thomas A Howe.....	7 20
Samuel P Foster.....	1 70
Frank A Ross.....	9 20
Wm B Richards.....	1 00
Newell M Jewett.....	6 20
H N Jewett.....	9 60
N R Underhill.....	5 60
Thos D Gould.....	3 40
James McLaughlin.....	1 40
W F Burnham.....	5 80
Geo Hills.....	2 30
F O Thompson.....	7 20
W K Chapman.....	5 20
John Fitzpatrick.....	3 60
J R Richards.....	4 10
Michael Laffy.....	1 00
Horace Ellsworth.....	5 30
E S Greenleaf.....	5 25
Spencer Gwinn.....	4 40
Geo Gwinn.....	2 00
D G Chapman.....	3 80
James Sheppard.....	9 80
James Burns.....	3 40
Harry Marriott.....	3 60
Thos Marriott.....	2 20
Thos Barney.....	3 60

Frank Barney.....	2 50	
Fred Sheppard.....	4 70	
A H Rutherford.....	1 20	
Eben Lord.....	12 10	
	<hr/>	\$221 34

District No. 12.

J. C. CONANT, SURVEYOR.

PAID FOR SHOVELLING, Etc,

J C Conant.....	4 60	
Moses G Phillips.....	1 70	
Isaac Mitchell.....	1 10	
Wm H Layalette.....	3 60	
H W Lavalette.....	3 70	
Edw I Chapman.....	3 00	
Jewett Jeffers.....	6 60	
Henry B Lewis.....	5 20	
Frank Frost.....	3 20	
John Frost.....	3 20	
Walter C Frost.....	3 20	
Wm O Conant.....	16 60	
Newman Saunders.....	3 60	
Arthur Saunders.....	3 40	
Benj Melvin	3 70	
Cyrus W Conant.....	4 25	
Wm H Conant.....	4 40	
Charles H Bradley.....	3 40	
John S Spiller.....	2 50	
	<hr/>	\$80 95

District No. 13.

JAMES KINNEAR, SURVEYOR.

PAID FOR SHOVELLING, Etc.

James Kinnear.....	12 70	
D S Perley.....	37 30	
Geo Ellison.....	4 30	
John Hart.....	5 40	
Lewis R Stone.....	3 80	
Henry Stone.....	3 75	
Wm W Hutt.....	3 60	
Herbert Lefavour.....	3 60	
		<hr/>
		\$74 45

District No. 14.

CHAS M. PERLEY, SURVEYOR.

PAID FOR SHOVELLING, Etc

Chas M Perley.....	9 95	
C E Howe.....	9 10	
A G Lauer.....	4 60	
Lyman H Perley.....	5 00	
Orrie M Hills.....	4 90	
Clarence Hills.....	3 70	
Harry G Welch.....	4 20	
A S Howe	80	
		<hr/>
		\$42 25

District No. 15.**EDW. H. SMITH, SURVEYOR.****PAID FOR SHOVELLING, Etc.**

Edw H Smith.....	10 60
Charles Jewett.....	48 90
James Ready Jr.....	14 60
Maynard Jewett.....	9 00
Charles Kent.....	5 60
Robert Turner.....	10 00
W H Ready.....	12 75
J F Duprey.....	20 80
Geo Harris.....	13 60
Edw Ellwell.....	12 00
T W Kent.....	10 60
James Ready.....	8 00
A E Pitman.....	4 00
Walter Brown.....	5 20
Charles E Brown.....	6 20
John A Brown.....	11 60
Cleophar St Cyr.....	4 20
Geo E Lord.....	2 10
Albert Smith.....	1 60
Charles E Pitman.....	1 60
Harry Garrette.....	11 00
Chester Lord.....	1 10
Edw Bodwell.....	40
Wm E. Garrette.....	9 40
Eugene Grady.....	2 52
Jos Chaput.....	4 60
Chas R Lord.....	3 30
John B Mitchell.....	16 20
Robt Spencer.....	40
Chas Ricker.....	7 20
Geo S Rutherford.....	1 00
Reuben Andrews.....	1 40
Ellsworth Walton.....	80

 \$272 27

District No. 16.

DAN'L S. APPLETON, SURVEYOR.

PAID FOR SHOVELLING, Etc.

Daniel S Appleton.....	9 35	
A O Goodwin.....	7 20	
L D Pickard.....	2 40	
Hallet D Pickard.....	4 40	
Charles B Guilford.....	2 55	
Albert Norwood.....	6 00	
James Dillon.....	8 10	
Alex Hirtle... ..	4 60	
Rufus Dewar.....	4 60	
J F Bradstreet	2 40	
Thos Donahue.....	4 10	
M Donahue.....	4 10	
Thos Barney.....	70	
John A Brown.....	2 00	
Dan'l Donahue.....	4 00	
A E Jewett.....	1 60	
		\$68 10

District No 1, Additional.

PAID FOR SHOVELLING, Etc,

Leander Jewett.....	1 00	
Stephen Caswell.....	3 00	
		\$4 00

Summary of Snow Bills, 1899.

Dist No, 1.....	\$859 04
" " 1, Additional.....	4 00
" " 2.....	213 43
" " 3.....	420 70
" " 4.....	71 95
" " 5.....	151 00
" " 6.....	288 95
" " 7.....	133 80
" " 8.....	111 80
" " 9.....	256 93
" " 10.....	244 85
" " 11.....	221 34
" " 12.....	80 95
" " 13.....	74 45
" " 14.....	42 25
" " 15.....	272 27
" " 16.....	68 10
	<hr/>
	\$3514 81

Following is a table of the total amount paid for snow bills for the past five years.

'95	'96	'97	'98	'99
\$1247 02	818 77	1976 64	3968 20	3514 81

The severe storms of 1898 made the snow bills larger than ever before, and the storm of February 1899, made the past year rank second to 1898 as an expensive year on account of snow. It will be seen that the appropriation for 1899 for Highways, was very nearly half gone before March 1st, for work on snow

Beach Road Improvements.

The following bills were paid by order of the special committee appointed by the town.

Everett K Brown.....	34 20
H H Story.....	29 50
Geo E Smith.....	35 50
Asa R Brown.....	58 30
Geo L Woodbury.....	11 10
J B Caverly.....	90 50
Chester B Caverly.....	45 00
Geo Young.....	17 20
Aug Peatfield.....	44 20
Horace Brown.....	24 50
Herbert Shepperson.....	52 00
Gustavus Kinsman.....	318 80
James B Scott.....	5 72
Simon McInis.....	9 00
John Galbraith.....	153 25
J F Kinsman.....	81 48
Thos Sweeney.....	26 60
Wm L Stone 2nd.....	13 50
Edward Spiller.....	3 80
Alden Story.....	66 80
E K Brown.....	70 50
Asa R Brown.....	67 80
H H Story.....	40 50
Geo E Smith.....	40 10
J A Burnham.....	73 60
G L Woodbury.....	88 30
Edgar C Story.....	5 40
Carl A Caverly.....	93 00
Wm Stacey.....	1 80
Albert S Brown.....	21 77
Theo F Cogswell.....	14 32
Charles H Rollins.....	94
Harry Girard.....	7 00
Aaron Kinsman.....	8 00
<hr style="width: 100px; margin-left: auto; margin-right: 0;"/>	
\$1653 98	

Rowley Road Improvements.

The following bills were paid to complete the Rowley road improvements, as ordered by the town.

John C Lowe, team.....	45 40
Herbert Lowe.....	2 00
Wm H Ready.....	21 60
Fred B Saunders.....	8 00
James Dillion	3 00
Leander Jewett.....	10 00
Edw Spiller.....	10 00
Geo Fall, team.....	26 88
Fred Buzzell.....	4 00
John A Brown, team.....	49 00
Chas W Smith.....	13 00
Fred Sheppard.....	8 00
John H Baker.....	8 00
Stephen Jewett, team.....	18 85
J F Akerman.....	2 80
Wm P Ross, team.....	50 85
Chas Dorr.....	20 00
Wm Girard.....	14 00
Harry F Girard.....	11 80
Levi L Howe.....	17 00
Chas B Guilford.....	12 00
Thos Barney.....	8 40
Chas Bailey.....	12 00
John Scott.....	14 00
John Davis, team.....	32 50
Fred Thompson.....	12 00
W A Mitchell, team.....	30 00
Thos H Ready.....	8 00
Jcs Leno.....	15 80
Fred Sheppard.....	80
Edw Davis.....	10 00
Wm H Lavalette, team.....	30 00
D S Appleton, superintendent.....	54 25
Walter K Chapman.....	15 00

Erastus Clarke.....	2 50	
Thos Ready.....	9 00	
John Eli.....	8 40	
P R Eames, team.....	20 00	
Jewett Jeffers, team.....	25 00	
Jerry Sullivan.....	12 00	
Chas W Smith.....	2 00	
Chas Jewett.....	2 50	
J F Bradstreet, team.....	18 00	
M Nolan, iron work.....	8 60	
Est John A Smith, plow.....	1 50	
James Ready, gravel.....	10 11	
Edw Dole, gravel.....	33 05	
	<hr/>	\$751 59

School St. Improvements.

The following bills were paid by order of the selectmen, to whom the work of superintending the improvements was left by vote of the town,

Allan W Brown, team.....	35 00	
F A Carter, team.....	10 00	
Wm H Burnham, labor.....	46 00	
Geo H Brocklebank, labor.....	29 50	
Wm T Lewis, labor.....	16 00	
Herbert Witham, labor.....	27 00	
A S Brown, team.....	45 00	
P R Eames, team.....	32 50	
Wm Stacy, labor.....	11 00	
John Cronin, labor.....	3 00	
Chas W Smith, labor.....	5 00	
Geo W Scott, labor.....	2 00	
Geo H Lord, labor.....	6 68	
Edmund Ready, labor.....	8 00	
Gustavus Kinsman, team.....	45 00	
Albert S Brown, gravel.....	29 10	
S F Canney, lumber.....	10 01	
	<hr/>	\$360 79

South Church Sq. Improvements.

Bills allowed under direction of Selectmen

Barton & Williams, edgestones.....	148 21	
A W Conant, labor.....	5 00	
Alfred Barton, labor.....	4 60	
Harry Girard, labor.....	4 00	
	—————	\$161 81

Rebuilding Gould's Bridge.

Following are the bills paid by order of the special committee appointed by the town.

Gardner Brown, labor.....	22 75	
W F Gould, labor.....	160 05	
C H Rollins, labor.....	49 50	
J Albert Smith, labor.....	42 30	
S F Canney, lumber.....	24 93	
J W Goodhue, supplies.....	9 05	
J B Scott, labor.....	15 05	
Charles G Brown, labor.....	6 00	
Pigeon Hill Granite Co., contract.....	550 00	
James Griffing, labor.....	4 00	
A Story Brown, labor.....	9 00	
I H Bridges, labor.....	4 00	
Edmund Ready, labor.....	8 20	
J W Nourse, plans.....	8 00	
Isaac Foss, labor.....	10 00	
Edw W Choate, labor.....	63 31	
John A Brown, lumber.....	12 98	
	—————	\$999 12

Historical House Bank Improvements.

The following bills were contracted under the direction of the selectmen.

Jere Sullivan, sodding.....	32 70
Philip Kimball, sods.....	12 55

Arthur Conant.....	9 20
Wm Ewing.....	3 20
Agawam Land Co., gravel.....	1 20
P Doherty, labor.....	1 00

\$64 35

District Road Repairs.

District No. i.**ARTHUR W. CONANT, SURVEYOR.****PAID FOR LABOR AND GRAVEL, Etc**

A W Conant	374 40
Silas Crooker.....	27 40
W F Brocklebank.....	4 00
John Doyle.....	12 70
T R Roberts	3 00
Valorous Grant.....	25
F A Carter.....	16 00
Robert Gove.....	1 90
John Patch.....	5 30
Luther Wait.....	4 00
Wm P Ross.....	9 50
Smith E Hayes.....	20 20
W J Flemming.....	4 40
Michael Reddy.....	3 20
Wm T Lewis.....	3 00
A S Hills.....	50
Leander Blaisdell.....	4 50
Jere Sullivan.....	2 80
Geo Scott.....	40
J W Davis.....	16 50
W W Wait.....	5 60
L E Willcomb.....	1 00
Edw Davis.....	2 00
A S Brown, gravel.....	72 00

Lemuel Parsons.....	3 40
Samuel Parsons.....	4 20
John Scott.....	5 00
Leander Jewett.....	3 60
E P Grant.....	3 60
Alfred Barton.....	4 40
H F Girard.....	4 60
Maynard Russell.....	2 20
Thos Hills.....	80
John A Davis.....	2 60
N H Lord.....	4 00
Edward Riley.....	1 00
Nath Rust.....	1 00
James Hull.....	9 80
J Scott, Jr.....	1 80
Geo H Brocklebank.....	6 30
Geo H Hills.....	1 80
Raymond Richards.....	7 00
J M Caldwell.....	11 50
Sam'l Foster.....	1 00
Eugene Girard.....	2 00
Wilson Platt.....	1 80
Edmund Ready.....	3 00
Walter Scott.....	4 40
Frank Goodwin.....	4 00
James Scott.....	5 80
Wm Girard.....	1 80
Mrs Wm G Brown.....	10 75
Ward Kenney.....	80
Geo W Upton.....	11 60
Elmer Wiley.....	1 20
Wm Daniels.....	3 60
A H Peatfield, Jr.....	3 60
Alfred Young.....	1 80
Albert Willard.....	9 20
Sam'l White.....	1 80
T B Fall & Son.....	4 50
Wm Ewing.....	1 40

Chas Graffum.....	2 30	
Allan W Brown.....	3 00	
Paul R Eames.....	4 50	
Geo Harris.....	2 20	
	-----	\$759 60

District No. 2.

NATHANIEL T. LOW, SURVEYOR.

PAID FOR LABOR AND GRAVEL, Etc,

N T Low.....	83 75	
A S Brown. gravel.....	3 40	
Silas Crooker.....	2 20	
T H Jewett.....	1 40	
Walter Brocklebank.....	7 20	
Roy Brocklebank.....	1 70	
James Scott.....	11 95	
Wm P Ross.....	17 10	
T B Fall.....	19 00	
Geo A Hodgdon.....	37 30	
Chas Dorr.....	2 60	
Jere Brocklebank.....	16 60	
E A Spiller.....	4 60	
Chas S Jewett.....	9 40	
A B Clark, gravel.....	12 30	
J F Claxton.....	60	
C H Rollins.....	7 70	
F J Ward.....	3 50	
	-----	\$242 30

District No. 3.

ALLAN W. BROWN, SURVEYOR.

PAID FOR LABOR AND GRAVEL, Etc,

Allan W Brown.....	46 50	
Frank N Bird.....	1 60	
John Cronin.....	7 60	

Alfred Norman.....	17 50	
David B Hinckley.....	5 00	
Wm Daniels.....	5 00	
John Dorr.....	18 60	
J E Norman.....	2 00	
C H Rollins.....	6 00	
Edmund Ready.....	15 00	
Chas W Spiller.....	7 20	
Harry Girard.....	5 00	
Wm Brocklebank.....	2 00	
Gustavus Kinsman.....	10 00	
Albert S Brown, gravel.....	5 00	
S F Canney, lumber.....	2 84	
Wm H Burnham.....	1 80	
	— — —	\$158 64

District No. 4.

JOHN GALBRAITH, SURVEYOR.

PAID FOR LABOR AND GRAVEL, Etc.

John Galbraith.....	28 70	
Alden Story.....	27 80	
J F Kinsman.....	28 00	
Herbert Shepperson.....	4 00	
Wm Girard.....	2 00	
Abbie Stone, gravel.....	3 50	
Albert S Brown, gravel.....	4 50	
	— — —	\$99 30

District No. 5.

CARL A. CAVERLY, SURVEYOR.

PAID FOR LABOR AND GRAVEL, Etc.

Asa R Brown	10 50	
Chester B Caverly.....	2 00	
	— — —	\$12 50

District No. 6.**T. MORLEY NORMAN, SURVEYOR.**

PAID FOR LABOR AND GRAVEL, Etc.

T M Norman.....	30 00	
Jos Marshall.....	20 00	
C G Brown.....	15 00	
W G Horton.....	21 20	
W F Kinsman.....	18 00	
W T Horton, gravel.....	9 00	
	<hr/>	\$113 20

District No. 7**E. NEWTON BROWN, SURVEYOR.**

PAID FOR LABOR AND GRAVEL, Etc.

E N Brown.....	30 60	
A S Brown.....	9 00	
F G Cross.....	22 00	
B R Horton.....	21 00	
J W Mansfield.....	1 80	
	<hr/>	\$84 40

District No. 8.**JOHN M. FALL, SURVEYOR.**

PAID FOR LABOR AND GRAVEL, Etc.

J M Fall.....	28 80	
Wm Sturgis.....	6 40	
Willard Kinsman.....	6 40	
D W Appleton.....	4 00	
J H Brown.....	28 60	
	<hr/>	\$74 20

District No. 9.**AARON LORD, SURVEYOR.**

PAID FOR LABOR AND GRAVEL, Etc.

Aaron Lord.....	45 30
A S Brown, gravel.....	24 20
David Low.....	2 60
J B Scott.....	10 70
Edmund Ready.....	10 80
W B Sturgis.....	10 00
Thos Sweeney.....	8 20
A S Brown.....	40 20
C H Rollins.....	1 00

----- \$153 00

District No. 10.**WM. F. WARNER, SURVEYOR.**

PAID FOR LABOR AND GRAVEL, Etc,

W F Warner.....	64 10
J M Purinton.....	8 70
John J Minihan.....	50
Seth Senior.....	2 25
Brackett Bros.....	12 00
Wm Goodhue.....	4 80
Eugene Sullivan.....	26 40
W H Fessenden.....	3 00
Eben Hurlbert.....	3 15
Austin Morse.....	4 50

----- \$129 40

District No. 11.**THOMAS R. LORD, SURVEYOR.**

PAID FOR LABOR AND GRAVEL, Etc,

Thomas R Lord.....	24 10
Spencer Gwinn.....	5 10
Dexter McIntire.....	6 60

W F Burnham.....	6 40	
Walter Chapman.....	7 00	
James Sheppard.....	9 00	
N R Underhill.....	18 00	
Fred Carter.....	2 00	
D G Chapman.....	5 25	
Eben Lord.....	3 60	
A H Rutherford.....	4 40	
Walter Hicks.....	3 40	
Dennis Bryant.....	4 50	
E S Greenleaf.....	4 60	
Thaddeus Gwinn.....	12 20	
Thos Marriott.....	2 80	
John W Goodhue	65	
Geo Gwinn.....	3 40	
Oscar Pickard.....	1 80	
	— — —	\$124 80

District No. 12

J. C. CONANT, SURVEYOR.

PAID FOR LABOR AND GRAVEL, Etc.

J C Conant.....	32 18	
Jewett Jeffers.....	16 35	
Cyrus W Conant.....	18 55	
W H Lavalett	10 93	
Moses G Phillips.....	1 50	
Andrew J Phillips.....	2 52	
Benj Melvin.....	5 85	
Edw I Chapman.....	4 30	
Wm O Conant.....	7 50	
John S Spiller.....	2 20	
Geo H Low.....	70	
	—————	\$102 58

District No. 13.**JAMES KINNEAR, SURVEYOR.**

PAID FOR LABOR AND GRAVEL, Etc.

James Kinnear.....	42 86
Sidney Perley.....	15 80
Harry Crossly.....	2 00
Lewis R Stone.....	18 40
Alvin T Guilford.....	7 60

 \$86 66
District No. 14.**CHAS. M. PERLEY, SURVEYOR.**

PAID FOR LABOR AND GRAVEL, Etc.

Chas M Perley.....	30 15
A S Howe.....	9 20
Clarence E Howe.....	16 30
Lyman H Perley.....	12 35
Adam G Laur.....	2 40
Geo K Farnum.....	6 40
H Welch.....	60
E H Perley.....	1 08

 \$78 48
District No. 15.**EDW. H. SMITH, SURVEYOR.**

PAID FOR LABOR AND GRAVEL, Etc.

Edw H Smith.....	27 20
Frank Bodwell.....	70
Charles Jewett.....	24 80
Frank Akerman.....	60
Frank Smith.....	33 75
E W Walton.....	10 20
L G Parsons.....	2 00

J S Gloyer.....	1 40	
Edw Dole.....	8 80	
James Ready.....	3 17	
J B Mitchel.....	20 05	
Levi Howe.....	9 60	
Wm Ready.....	1 00	
Geo E Lord.....	3 55	
Frank Hicks.....	2 20	
Geo H Hills.....	4 00	
F O Thompson.....	1 60	
John F Duprey.....	2 00	
Chester Patch.....	4 40	
S P Foster.....	1 80	
N R Underhill.....	3 10	
E C Lord.....	16 00	
Walter Hicks.....	4 60	
Edw Elwell.....	1 80	
H S Bowen.....	1 50	
J W Nourse.....	20	
	-----	\$190 02

District No. 16.

DAN'L S. APPLETON, SURVEYOR.

PAID FOR LABOR AND GRAVEL, Etc.

Dan'l S Appleton.....	14 40	
James Dillon.....	12 80	
A O Goodwin.....	10 40	
P R Eames.....	21 00	
J B Mitchell.....	9 00	
Rufus Dewar.....	8 80	
Chas Jewett.....	18 00	
	-----	\$94 40

Gould's Bridge Additional.

The following bill was accidently ommitted from the Gould's Bridge account.

Chas H Rollins, stone work..... \$126 00

Underhill Street.

PAID

Aaron Lord.....	\$5 40	
John Babcock.....	5 40	
Geo W Scott.....	2 60	
Dan'l Donavan.....	2 60	
W B Sturgis.....	2 60	
E R Lord.....	4 40	
Ambrose Young.....	4 40	
Edmund Ready.....	1 80	
F A Carter.....	6 50	
M Whittier.....	6 50	
Lemuel Smith.....	10 50	
F R Appleton.....	15 00	
Thomas Shaw.....	5 40	
	<hr/>	\$73 10

Miscellaneous Highway Bills.

PAID

Mrs Edw Stevens, land for Brown St	\$500 00
Chas H Rollins, concrete work.....	477 94
Barton & Williams, edgestones.....	436 59
Newman Saunders, edgestone.....	16 20
TF Cogswell, pipe.....	60 49
S F Canney, lumber.....	31 40
Putnam & Pope, lumber.....	21 14
F B Page, iron work.....	38 74
M Nolan, iron work.....	13 79
James Graffum, repairs, etc.....	14 23
John Durand, repairs, etc.....	2 00
Foster Russell, repairs.....	16 27
W A Spiller, repairs.....	4 30
Morse & White, screen.....	6 00
Ames Plow Co., plow point.....	3 00
A H Plouff, hose.....	7 67
J A Smith, repairs.....	2 95
J E Dodge, painting.....	2 35
E F Akerman, iorn work.....	3 55
C H Baxter, painting.....	4 90
Wm Ready, sand.....	1 80
Geo Harris, sand.....	2 60
F T Goodhue, supplies.....	3 95
J W Goodhue, supplies.....	9 81
A C Damon, lanterns.....	1 00
J S Glover, cement.....	4 50
C H Rollins, labor.....	7 50
Edmund Ready, labor.....	11 70
J H Lakeman, labor.....	1 25
Arthur Conant, labor.....	3 60
Wm Ewing, labor.....	1 90
Jackson Express Co, express.....	1 25
W B Atkinson, labor.....	80
<hr/>	
	\$1715 17

Town Team.

J. ALBERT HUCKINS, DRIVER.

PAID

J Albert Huckins driver.....	\$551 00	
W W Wait, driver.....	49 00	
F T Goodhue, sundries.....	2 75	
James Graffum, repairs.....	7 90	
C F Chapman, repairs and supplies....	18 25	
G B Brown, grain.....	128 53	
Town Farm, hay.....	68 00	
Dodge & Spiller, sundries.....	10 04	
E L Irving, repairs, etc.....	2 80	
J M Caldwell & Son, fuel.....	6 40	
J W Goodhue, sundries.....	6 07	
J B Caverly, hay.....	14 40	
W A Spiller, repairs.....	1 50	
E Andrews, V S.....	2 00	
M Nolan, repairs, shoeing, etc.....	39 75	
A H Plouff, piping stable.....	16 98	
J E Norman, labor.....	6 50	
M Newman, repairs.....	1 35	
T H Lord, grain.....	11 40	
J A Blake, supplies.....	10 90	
T Hale, carrots.....	1 00	
A P Hills, oil.....	50	
L E Willcomb, oil.....	50	
A S Brown, hay.....	17 99	
J Wright, labor.....	1 50	
J Stackpole & Son, oil.....	80	
G S Bard, V S.....	2 00	
C S Morse V S.....	3 00	
J R Richards, repairs.....	4 25	
		\$987 06

In keeping account of the work done by the Town team, the time has been kept by the hour, and the surveyor's report shows that the total number of hours is 2590 1-2 or 259 full days. At the price paid by the town for teams, this means that the team has earned \$1295 00, add to this \$100 for work on the fire department, and the total is \$1395 00 or \$407 94 more than the total cost of the team, driver, and repairs on stable for the year.

Highway Recapitulation.

RECEIPTS:

Appropriations. Repairs.....	8009 00	
Appropriation, edge stone and concrete	1000 00	
Appropriation, School street.....	300 00	
Appropriation, So church sq.....	200 00	
Appropriation for land Brown street...	500 00	
Appropriation. Underhill street.....	200 00	
Recd for work.....	37 75	
Reinhursed edgestone work.....	161 81	
Recd St R R tax.....	514 76	
Recd St R R Excise tax.....	104 01	
Recd Donation from M B Phillips.....	50 00	
	<hr/>	\$11068 33

EXPENDITURES:

Dist No 1.....	\$759 60	
Dist No 2.....	242 30	
Dist No 3.....	158 64	
Dist No 4.....	99 30	
Dist No 5.....	12 50	
Dist No 6.....	113 20	
Dist No 7.....	84 40	
Dist No 8.....	74 20	
Dist No 9.....	153 00	
Dist No 10.....	129 40	
Dist No 11.....	124 80	
Dist No 12.....	102 58	
Dist No 13.....	86 66	
Dist No 14.....	78 48	
Dist No 15.....	190 02	
Dist No 16.....	94 40	
Town Team.....	987 06	
School street.....	360 79	
So church sq.....	161 81	
Underhill st.....	73 10	
Miscellaneous jobs.....	1715 17	
Gould's bridge.....	1125 12	
Historical house bank.....	64 35	
	<hr/>	\$6990 88
Balance.....		\$4077 45
Used for snow bills.....		3514 81
		<hr/>
Unexpended balance.....		\$562 64

CURRENT EXPENSES.

Town Hall.

PAID

Wm H Brocklebank, janitor.....	\$450 00
Wm H Brocklebank, care of tramps...	100 00
John W Goodhue, supplies	11 67
A H Plouff, supplies and labor.....	12 78
J M Dunuels, supplies and labor.....	7 65
Ipswich Gas Co, gas.....	120 80
C W Brown, mantles, chimney etc.....	7 00
T B Fall & Son coal.....	28 45
P R Eames coal.....	37 53
J S Glover coal.....	31 50
J M Caldwell & Son coal.....	55 05
Young & Kimball, Gas Regulator.....	65 00
J Howard Lakeman, painting.....	48 17
Water Henderson. decorating hall, G A R day.....	20 00
N Archer, labor.....	8 75
A C Damon, iron bed.....	4 75
H A Russell. filing saw.....	50
J W Bond, washing blankets.....	1 75
C S Tyler, clock.....	4 00
J B Mitchell, cleaning vaults.....	2 00
T F Cogswell, supplies.....	1 22
C S Cummings. broom.....	1 25
H F Tong, labor.....	5 00
W E Lord, blankets.....	2 50

————— \$1027 32

Cemeteries.

The following bills were contracted by the cemetery committee and were paid by their order.

PAID

Erastus Clark, labor.....	60 50
P R Eames, "	31 00
James Griffing "	109 00
C M Perley, "	15 80
John S Glover, cement.....	32 55
Edw Bodwell, labor.....	70 90
Barton & Williams, stone.....	86 00
Luther Lord, labor.....	94 65
Luther A Lord, "	66 00
Newman Saunders, "	25 75
W O Conant, "	13 50
O F Thompson, "	11 40
M Nolan, iron work.....	1 35
Chas E Smith, labor.....	37 55
John W Goodhue, supplies.....	47 48
P E Clark, labor.....	46 45
John L Russell, labor.....	19 50
S N Baker, clerk.....	20 00
James Kinnear, labor.....	38 00
O M Hills, "	50 25
John R Patch "	35 40
N R Underhill "	3 00
W B Richards "	9 50
E Ready "	12 80
P E Clark, manure.....	20 00
Foster Russell, labor.....	12 77
Zena Goodell, iron work.....	61 10
Lyman H Perley, labor.....	8 92
John H Baker, labor.....	33 50
M V B Perley, labor.....	31 33
S F Canney, lumber.....	76 81
Water Dept, water.....	5 30
James Scott, labor.....	9 90

E J Ready, labor.....	2 70	
Wm A Howe, labor.....	22 50	
E Walton, labor.....	10 20	
J H Lakeman, painting.....	33 30	
C W Spiller, labor.....	9 00	
Edw Choate, "	28 84	
F T Goodhue, supplies.....	3 41	
J R Richards, labor.....	7 00	
Edw H Smith, "	80	
Geo H Low, "	2 70	
Alfred Norman, "	3 48	
Wm H Kirk, labor.....	5 20	
	— — — —	\$1327 09

Water Department.

PAID

Water Commissioners, appropriation for the Department.....	\$3774 00	
	—————	\$3774 00

Protection of Clam Flats.

PAID

James A Lord, clam police.....	\$61 65	
John E Hayes, clam police.....	44 25	
Geo L Woodbury, clam police.....	5 25	
John Atherley, assisting J A Lord.....	40 00	
James A Lord, witness	2 50	
Farley C Lord, "	2 50	
Clarence Grant, "	2 50	
Elmer Andrews, "	2 50	
Wm H Jewett, "	2 50	
Emory A Hall, "	2 50	
	—————	\$166 15

Park Commission.

The following bills were paid by order of the Park Commission.

PAID

S E Hayes, labor.....	\$18 10	
Benj Fewkes, labor and plants.....	99 40	
Fred B Saunders, labor.....	3 80	
Frank Black "	1 40	
W T Lewis "	2 00	
David Low, labor.....	18 90	
Edw Fewkes, labor.....	5 00	
Levi Mallard, labor.....	10 00	
A D Mallard, teaming.....	1 20	
J M Dunnels, supplies.....	82	
Tenney's Ex, express.....	35	
J W Goodhue, supplies.....	2 27	
M Nolan, iron.....	1 50	
Ernest C Rust, labor.....	1 70	
Irving W Wheeler & Co, stretcher.....	2 25	
		<u> </u> \$168 69

Contagious Diseases.

The following bills were paid by order of the Board of Health.

PAID

J A Blake, medicine.....	3 90	
C E Ames, M D.....	10 00	
C W Brown, medicine.....	1 15	
Geo W Smith, postage etc.....	2 28	
Chronicle Pub. Co., publishing notice...	17 00	
Independent Pub.Co., " notice...	17 00	
Dexter McIntire, labor on dump.....	2 00	
A D Mallard, teaming.....	1 00	
Thos Boylan, labor.....	3 00	
Chas W Smith, labor.....	4 00	
Jos Phanuf, labor	1 00	
		<u> </u> \$62 33

Independence Day Celebration.

PAID

Excelsior drum corps, music.....	86 45
Ipswich Brass Band, music.....	145 00
Jacob Whitcomb, fireworks.....	96 64
W W Davis, board drum corps.....	15 00
C F Chapman, saddle.....	9 00
Chronicle Pub. Co., badges.....	2 00
D A Grady, team.....	1 50
Erastus Clark.....	2 00
W H Brocklebank, express.....	80
H F Foss, express.....	50
J A Brown, lumber.....	4 00
Eugene Girard, watching fire.....	1 75
C F Damon, labor at bonfire.....	2 60
C H Rollins.....	3 50
Harold Poor.....	1 00
P R Eames.....	12 00
A A Chase.....	10 65
Agawam stable, team.....	4 00
Jos Tucker, pig.....	2 50
W W Russell, shoes.....	3 00
E P Rice & Co., potatoes and pails.....	1 40
W E Lord, articles for prizes.....	1 13
A R Jewett, articles for prizes.....	1 00
W H Bird.....	2 00
R Jordan & Co.....	7 00
C S Tyler.....	17 40
F F Byron, rockets.....	1 50
Edw Fewkes prize.....	5 00
James Sheppard ".....	10 00
W Sheppard ".....	5 00
Thos Atherley ".....	3 00
Geo F Scott ".....	3 00
Geo W Scott ".....	2 00
Q A Kinsman ".....	2 00
Geo Player ".....	2 00

Chas Fall	prize	1 00
Frank McGilfrey	"	1 00
Chas L Appleton	"	5 00
P R Eames	"	5 00
I, O G. T. Lodge	"	5 00
W S Russell	"	5 00
		————— \$489 32

John A. Brown collected \$76 00 and Harry B. Brown \$15.00, a total of \$91.00, from various parties. From this amount \$15.00 was paid for children's entertainment, and the balance, \$76 00 paid to the town treasurer. This leaves a balance of \$13.32 paid out over the appropriation, which balance the Lawn Tennis Club has paid from their fund, so that the town has paid just the amount of the appropriation, \$400

Soldiers' Relief.

PAID

Mrs Wm Lord, No Andover, allowance	\$161 73
Mrs Geo Goodwin, Beverly, allowance..	96 00
T L Jewett, allowance.....	36 00
David M Pingree "	59 00
W Patterson "	15 00
Mrs J F G Clark "	8 00
Isaac Buzzell "	4 00
Jos Leno "	8 67
Mrs J H Kimball "	107 15
	<hr/> \$495 55

Insurance.

PAID

T F Cogswell, Winthrop school.....	118 13
T F Cogswell, Town Hall.....	14 70
Continental Ins. Co., Winthrop school	118 12
Rochester German Ins. Co., Denison school.....	52 53
Continental Ins. Co., Town Hall.....	73 50
Northwestern Ins.Co., Cogswell school	52 49

	\$429 47

Incidentals.

PAID

J A Blake, telephones.....	4 00
Walter Sheppard, ringing bell.....	49 92
J A Blake, supplies.....	5 99
Geo P Smith. stamps.....	15 00
Jackson Express Co, express.....	12 60
A Storrs & Bement Co, Cover stock..	6 50
Chas O Olson, meals for election officers.....	28 00
B & M R R, milage book & tickets	22 29
M R Warren & Co, supplies.....	15 14
H A Brooks, binding reports.....	28 00
Geo Tenney, delivering reports.....	3 00
A W Walton, delivering reports.....	3 00
A D Mallard, delivering reports.....	3 00
Chas S Willcomb, delivering reports..	3 00
G H W Hayes, legal advice & expense	50 04
G H W Hayes, pd witness fees Kenney suit.....	27 57
Horace I Bartlett, attorney, Eagle Hill case, bill for 1894.....	100 51
D A Grady, horse hire.....	7 00
J W Goodhue, supplies.....	4 87
Chronicle Pub, Co., printing town reports.....	134 00
Chronicle Pub, Co., voting lists and notices for Registrars.....	40 25
Chronicle Pub. Co.,ballots and notices for Town clerk.....	62 00
Chronicle Pub. Co., tax bills, collector	11 00
Chronicle Pub.Co. blanks and notices, for Assessors.....	16 00
Chronicle Pub. Co, warrants, letter heads, envelopes, bill wraps, notices, advertising, etc.....	61 30

Independent Pub. Co. printing school report.....	49 80
Independent Pub. Co. advertising, blanks, wrappers, etc.....	29 25
Independent Pub, Co. blanks, Asses- ors lists.....	20 00
Gen James Appleton Post G A R.....	150 00
Geo A Schofield. taking census.....	15 00
C E Goodhue, " "	15 00
D S Appleton, " "	15 00
Putnam & Ricker, plan.....	20 00
Wm P Ross, labor So Common.....	10 00
Geo Upton. labor So Common.....	3 20
Chas Dorr, labor So Common.....	3 00
L G Parsons, labor So Common.....	3 20
Samuel Parsons, labor So Common	3 20
A W Brown, labor So Common.....	5 00
A D Wells, labor on pound.....	1 00
E B Greenleaf, burial indigent soldiers	35 00
P E Clark, burial indigent soldiers....	140 18
Jos Wright, supplies.....	1 60
A H Plouff, two fountains.....	143 00
Water Department, labor on fountain	21 82
Ips Gas Light Co, supplies, fountain	3 00
J A Blake, supplies.....	13 30
J W Goodhue, supplies.....	3 12
Geo A Schofield, 50 copies town rec'ds	42 50
T W Emery, binding clerk records.....	81 50
Dennison Mf'g Co, supplies.....	3 40
H T Girard, labor.....	1 40
Geo F King & Co, record book.....	13 50
W H Brocklebank, meals for prisoners	26 80
A D Mallard, express.....	1 10
James Scott, labor on scales.....	2 00
S F Foss, setting glass.....	35
Frank Smith, serving dog warrant, '96	10 00
Chas H Herbert, witness fee.....	2 60
A W Montgomery, care of buoys.....	20 00

Austin Lord, labor on fountain.....	27 17
J M Dannels, supplies on “	90
J R Merry, labor on fountain.....	3 75
Michael Young, labor on fountain.....	3 60
Bracket Bros, rent of pound.....	7 08
American Ex Co.....	1 05
Chas H Baxter, painting band stand....	9 70
F T Goodhue, supplies.....	2 60
M Nolan, iron work.....	3 25
Geo G Mitchell, Town law book.....	5 00
Adams, Cushing & Foster, ink.....	80
T E Condon, supplies.....	4 26
J C Stone, account book.....	1 25
W A Spiller, labor.....	4 35
T E Condon, stamps, etc.....	23 25
Geo G Dexter, photographs.....	1 50
C W Bamford, expense.....	62
J W Nourse, plans, surveys, etc.....	46 50
T F Cogswell, pipe.....	16 42
J Stackpole & Son, fertilizer.....	1 50
Agawam stable, team.....	11 00
S F Canney lumber.....	51 31
S F Canney, lumber for buoys.....	13 12
J F Whippich, care of town clock.....	20 00
Aaron D Wells, labor.....	4 10
Albert Tenney, teaming.....	1 30
A C Damon, paint.....	85
G A Schofield, car fare and expenses...	23 01
G A Schofield, exp. town court cases..	27 01
G A Schofield, telephone.....	5 60
F R Hull, printing.....	75
J A Lord, work on clam flats.....	27 50

 \$1977 90

DR	SUMMARY	CR
To appropriations		By amt. pd Town house \$1027 32
Current expenses \$3000 00		By amt. paid contagious diseases 62 33
Memorial Day 150 00		By amt pd sinking fund 2034 00
Water Sinking Fund 2034 00		By amt. paid Hydrant service 1740 00
Hydrant service 1000 00		By amt. pd cemeteries 1327 09
Cemeteries 1000 00		By amt. pd. soldiers relief 495 55
Parks 150 00		By amt. pd. parks 168 69
Drinking fountain 150 00		By amt. paid care clam flats 166 15
Care Clam flats 300 00		By amt pd incidentals 1977 90
Independence Day 400 00		By amt. pd Ind. day 489 32
Contribution Independence Day 76 00		By amt pd insurance 429 47
Amt Due Independence Day 13 32		
Balance 1544 50		
Total \$9917 82		\$ 9917 82

State and Military Aid. COMMONWEALTH.

	DR.	
To amt. due for state aid, Jan. 1, '99	\$2944 00	
To amt. due for military aid, Jan. 1, '99	174 00	
To amt. pd. for state aid, Jan. 1, 1900	3111 00	
To amt. pd. for military aid, Jan. 1, 1900	183 00	
		\$6412 00
	CR.	
By cash received for state aid	\$2944 00	
By cash received for military aid	174 00	
By amt. due for state aid	3111 00	
By amt. due for military aid	183 00	
		\$6412 00

Debt Statement.

TOWN OF IPSWICH.

	DR.	
To notes payable	\$27940 00	
To orders drawn and not paid	555 77	
		\$28495 77
	CR.	
By cash in treasurer's hands	\$2274 60	
Bills due Farm in treasurer's hands	389 61	
Uncollected taxes	332 12	
Amount due the town for State aid	3111 00	
Amount due the town for Military aid	183 00	
Amount due the town for burial of Soldiers	175 00	
Amount due for curbstone work	19 00	
Amount due on Poor account	524 24	
		\$7008 57
Total debt exclusive of Water Bonds		\$21487 20

The town voted this year to borrow on notes \$3700 but it has also paid \$2600 of the old notes and the total indebtedness is only increased \$815.67. The financial condition of the treasury Jan. 1, 1900, was

Cash on hand	\$2274 60	
Bills due town	1264 97	
	<hr/>	\$3539 57
Less undrawn orders		555 77
		<hr/>
Balance in favor of the town		\$2983 80

In addition to this \$740 of the money for Hydrant service was not raised by taxation but was paid from the unexpended balance, which otherwise would have been \$3723,80.

In the street lighting department the bills are \$102 21 in excess of the appropriation, but \$50 00 of that amount was for salary due J A Lord in 1897. Fourteen new lights have been put in this year which accounts for the overrunning of the appropriation.

The fire department has been greatly benefitted this year by the introduction of new material, and also a new hose wagon and a fire alarm. The men take an interest in the work, and the Engineers can well be proud of the fact that very few towns of the size of Ipswich can equal her department.

In the Highway department, the snow bills of Feb. were very large, but despite this fact the close of the year shows a balance of \$562 64 on hand.

The report shows the amount spent by the Beach road committee and the Gould's bridge committee. The Rowley road improvements were completed this year at a cost of \$751.59 which, together with the \$2330.35 spent last year, makes a total of \$3081.94. We feel that as the estimate freely given was about \$5000.00 for the work, that the town can well feel satisfied that we have aimed to keep down the expense.

The School St. and So. Church sq. improvements which were under our charge have been attended to. We were fortunate in securing Mr. H L Ordway's advice and assistance on School St. The work at that place was so pleasing to Mr. M. B. Philipp, that he kindly gave a check for \$50.00 to the town to help pay for the expense. The work done by the Historical Society at their grounds made it necessary

for the town to attend to the bank in front, This has been done, and the result is a marked improvement,

The work of fully protecting the clam flats is a difficult one, but in justice to the clammers of Ipswich, we would say that they have given very little cause for complaint, but have shown a willingness to obey the rules, and have assisted materially in benefitting the clam business. It seems to be pretty nearly the general opinion, that the plan of protecting the flats during part of the year should be continued.

The case of Kenney vs. the Town, for damages received from being thrown from a bicycle on the County road, was tried before a jury, and a verdict of \$1726 damages awarded Kenney. We believe this to be an unjust verdict, and have fought the settlement, A reduction of \$576 has already been granted the town, and we are yet in hopes of securing a new trial. The Garrette case has not come up this year. The case of Glover vs, the Town, in regard to location of scales, has been assigned for trial at Newburyport in May.

We recommend that the town spare no pains to establish the right of the citizens to use the road to Eagle Hill landing. It is not only of vital importance to the fishermen, but also to the general public that the free use of a way to the water should be established.

In regard to appropriations for the coming year much will depend upon the action to be taken on articles in the warrant, and our recommendations will be made at the town meeting.

It is with considerable pleasure that we announce that we have been able to close the second year of our stewardship with a good sized balance in favor of the town. We extend our thanks to the citizens and officials of the town, and especially to the Treasurer, for the assistance given in bringing about this result.

Respectfully submitted,

Geo. A. Schofield,	} Selectmen of Ipswich,
John A. Brown,	
Chas. E. Goodhue,	

Ipswich, Feb. 10, 1900.

This is to certify that I have examined the books of the Selectmen, Assessors and Overseers of the Poor, and find them correct, with proper vouchers for all bills paid,

Henry F. Dunnels, Auditor.

THOMAS E. CONDON, TREASURER AND COLLECTOR, IN ACCOUNT WITH DR.

To cash on hand Jan 20, 1899	\$ 2,027 66
“ taxes of 1898	543 87
“ Essex County dog license refunded	343 28
“ balance of corporation tax of 1898	24 76
“ Commonwealth street railway tax	514 76
“ G B & E St R R Co Excise tax	104 01
“ Essex County, killing seals, reimbursed	153 00
“ corporation tax 1899	2,784 42
“ national bank tax	588 81
“ state aid	2,944 00
“ military aid	174 00
“ temporary support of State paupers	16 05
“ sales from town farm 1898	161 71
“ sales from town farm 1899	1,742 20
“ from cities and towns poor account	1,290 59
“ from rent of town hall	450 00
“ from sale of cemetery lots	632 00
“ from town scales	157 61
“ on account, criminal fines	48 24
“ on account, highways	37 75
“ on account soldiers relief	40 00
“ on account liquor licenses	5,600 00
“ other licenses	66 00
“ on account of schooling	55 01
“ on account of curbing and concreting	161 81
“ from T F Cogswell, dividend, farm Insurance	12 50
“ from W H Brocklebank on ac. of lockup fees	4 00
“ from overseers of poor, sales of Manning shop	28 00
“ from L A Caldwell, sale of Centennial books	3 00
“ from Engineers, sale of Neptune engine	500 00
“ from E P Rice & Co., sale of stove	12 00
“ from M B Philipp, donation on ac. of school st	50 00
“ Mrs John Heard half expense Cemetery fence	31 56
“ from J F Duprey rent of cemetery pasture	12 00
“ from John H Cogswell sale of scholars tickets	3 00
“ from Harry B Brown on ac. 4th July donation	15 00
“ from J A Brown on ac. of 4th of July donation	61 00
“ from P E Clarke use of town hearse	14 00
“ from com. donation, Linebrook cemetery wall	95 83
“ notes issued in anticipation of '99, taxes	18,000 00
“ notes issued Rowley road	500 00
“ notes issued Beach road	1,500 00
“ notes issued Gould's bridge	1,000 00
“ notes issued Brown street	500 00
“ notes issued Underhill street	200 00
“ interest on taxes	45 55
“ tax list of 1899, state tax	1,725 00
“ tax list of 1899, county tax	2,482 37
“ tax list of 1899, town tax	41,371 63
“ undrawn orders	555 77
	<hr/> \$89,333 81

THE TOWN OF IPSWICH, FOR THE YEAR ENDING, JAN. 24, 1900. CR.

By cash paid on Selectmen's orders for 1898	\$	655 97
" " Commonwealth on ac of liquor licenses		1,400 50
" " county tax		2,482 37
" " Commonwealth state tax		1,725 00
" " Commonwealth national bank tax		495 74
" " discount on taxes		641 62
" " abatements for 1898		117 74
" " abatements for 1899		512 32
" " killing seals		153 00
" " officers by order of the court		85 01
" " principal on notes hired in anticipation of 1899 taxes		18,000 00
" " principal on school house notes		1,100 00
" " principal on Rowley road notes		1,000 00
" " principal on bridge notes		500 00
" " interest on notes		1,398 05
" " state aid		3,111 00
" " military aid		366 00
" " on ac. of orders on Rowley road		751 59
" " on ac. of Beach road		1,583 48
" " gross amount of Selectmen's orders, '99		50,697 70
" " uncollected taxes 1899		332 12
" " balance on hand at close of year		2,274 60

\$ 89,383 81

This is to certify that I have examined the accounts of the treasurer and have found them to be correctly cast and properly vouched.

Henry F. Dunnels, Auditor.

Ipswich, Jan. 24, 1900.

Funds Left in Trust with the Town for the Care of Burial Lots.

In account with Thos. E. Condon, Treasurer.

COGSWELL FUND.

DR.

To amt. in the Ips. Savings Bank Jan. '99,	\$264 62
To interest to Jan. 1900,	10 66
	<hr/>
	275 28

CR.

By cash paid W. H. Kirk for care of lot	2 00
By cash paid P. E. Clarke lettering on the Sarcophagus	2 70
By amt. in Ips. Savings Bank, Jan. 1900	270 58
	<hr/>
	275 28

ANDREWS FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	190 26
To int. to Jan. 1900	7 68
	<hr/>
	197 94

CR.

By cash paid W. H. Kirk for care of lot	2 00
By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1900	193 94
	<hr/>
	197 94

STANIFORD FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	77 61
To int. to Jan. 1900	3 12
	<hr/>
	80 73

CR.

By cash paid W. H. Kirk for care of lot	1 00
By amt. in Ips. Savings Bank 1900	79 73
	<hr/>
	80 73

TROW FUND.

DR

To amt. in Ips. Savings Bank Jan. '99	313 78
To int. to Jan. 1900	12 66
	<hr/>
	326 44

CR.

By cash paid W. H. Kirk for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1900	324 44
	<hr/>
	326 44

WILLIAM KINSMAN FUND.

DR.

To amt. in Ips. Saving Bank Jan. '99	53 79
To int. to Jan. 1900	2 14

 55 93

CR.

By cash paid W. H. Kirk for care of lot	1 35
By amt. in Ips. Savings Bank Jan. 1900	54 58

 55 93

EBEN KIMBALL FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	117 77
To int. to Jan. 1900	4 74

 122 51

CR.

By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1900	120 51

 122 51

MARTHA LAKEMAN FUND.

DR.

To amt. in Ipswich Savings Bank Jan. '99	56 08
To int. to Jan. 1900	2 26

 58 34

CR.

By cash paid Luther Lord for care of lot	1 25
By amt. in Ips. Savings Bank Jan. 1900	57 09

 58 34

GIDDINGS FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	114 31
To int. to Jan. 1900	4 60

 118 91

CR.

By cash paid W. H. Kirk for care of lot	2 35
By amt. in Ips. Savings Bank Jan. 1900	116 56

 118 91

POTTER FUND.

DR.

To amt. in Ips Savings Bank Jan. '99	108 06
To int. to Jan. 1900	4 36

 112 42

CR.

By cash paid W. H. Kirk for care of lot	3 00
By amt. in Ips. Savings Bank Jan. 1900	109 42

 112 42

WILLCOMB FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	60 92
To int. to Jan. 1900	2 44

 63 36

CR.

By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1900	61 36

 63 36

DAWSON FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	104 40
To int. to Jan. 1900	4 20

 108 60

CR.

By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1900	106 60

 108 60

HANNAH L. KIMBALL FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	105 74
To int. to Jan. 1900	4 24

 109 98

CR.

By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1900	107 98

 109 98

VARRELL FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	207 20
To int. to Jan. 1900	8 36

 215 56

CR.

By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1900	213 56

 215 56

BIRCH FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	50 02
To int. to Jan. 1900	2 02

 52 04

CR.

By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1900	50 04

 52 04

AARON KINSMAN FUND

DR.

To amt. in Ips. Savings Bank Jan. '99	\$51 56
To int. to Jan. 1900	2 06
	<hr/>
	\$53 62

CR.

By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1900	51 62
	<hr/>
	53 62

SAMUEL BLOOD FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	50 50
To int. to Jan. 1900	2 02
	<hr/>
	52 52

CR.

By cash paid W. H. Kirk for care of lot	1 00
By amt. in Ips. Savings Bank Jan. 1900	51 52
	<hr/>
	52 52

CLARKE FUND.

DR.

To amt. in Ips. Savings Bank Jan. '99	100 00
To int. to Jan 1900	4 04
	<hr/>
	104 04

CR.

By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1900	102 04
	<hr/>
	104 04

ROGERS AND JOHNSON FUND.

DR.

To amt. in Ips. Savings Bank Nov. '99	100 00
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LOCUST GROVE CEMETERY FUND.

CR.

To amt. in Ips. Savings Bank Jan. '99	445 74
To int. to Jan. 1900	17 98
	<hr/>
	463 72

This is to certify that I have examined the books of the above trust funds and find them correct.

Henry F. Dunnells, Auditor.

TOWN OF IPSWICH.

SIXTH ANNUAL REPORT

OF THE

Water Commissioners



FOR THE YEAR 1899.

IPSWICH:
E. W. REYNOLDS COMPANY,
1900.

Report of Water Commissioners.

TO THE CITIZENS OF IPSWICH:

We have the honor of placing before you the sixth annual report of the Board of Water Commissioners, and also that of the Engineer.

The town is to be congratulated upon the success of its water plant, as it can be seen by each successive report the gradual increase of receipts. The income from water rates the past year being \$7077.74, an increase over last year of 729.94 ; this in view of the fact that there has been from sixty to seventy faucets sealed all the time, owing to a large number of families moving from town leaving the tenements vacant.

MAINTENANCE.

The cost of maintenance the past year has been \$64.79 less than in 1898.

The suit of Mr. John W. Nourse against the town is still unsettled, but it is expected to be heard in the near future.

During the past summer there has been a lot of trouble with about all of the systems throughout the state, as to color and taste, and we were told that we ought not to find fault with our water as compared to most of the other public supplies.

The Commissioners are taking all the precaution they possibly can by clearing away all the dead vegetable matter, that would be liable to find its way into the storage basin. Although complaints of sediment in the water were numerous in some sections of the town, it was hardly noticeable in others. From all the information we can gather we find that we are liable to have more or less sediment in the water during the dry and hot season.

FINANCIAL.

The Board of Commissioners estimate receipts for 1900 to be \$7200, the disbursements \$10,658.65 as follows; Sinking Fund \$2138.65 ; Maintenance \$2500 ; Services \$500 ; Interest on Bonds \$5520.

They recommend appropriations to be levied by taxation as follows: 116 hydrants at \$13.00 per hydrant for fire service amounting to \$1508 and \$2138.65 for sinking fund, these together with the income from water sales will enable them to meet all expenses for the year 1900.

WALTER E. LORD,
CHARLES W. BROWN, } Commissioners.
WILLIAM A. STONE. }

LIST OF BILLS AND AMOUNTS PAID FOR THE YEAR ENDING DECEMBER 30, 1899.

No.	Paid To	For What	Amts.	Acct Applied to
1	Chas M Kelly	500 1c stamps	\$ 5 00	Main'ance
2	Cot & Wool M M Ins Co	Ins Pump Station	50 00	"
3	American Express Co	Express	15	"
4	Est W G Brown	Gravel	75	Rep pipe line
	"	"	75	" services
5	Chas Bailey	Labor	5 60	Main'ance
6	Jas R Merrey	"	8 00	"
	"	"	1 00	Rep services
7	A W Chesterton & Co.	Supplies	20 25	Main'ance
8	F L Butman	Journal	11 00	"
9	P A Allen	Services to Jan 21	49 50	"
10	Ipswich Mills	Cotton waste	8 00	"
11	Town of Ipswich	Labor	7 50	Rep pipe line
	Chas Daniels	"	2 20	"
	Walter Brockelbank	"	2 60	"
	Smith E Hayes	"	80	"
	Albert S Brown	Gravel	1 80	"
	Arthur W Conant	Labor	3 90	"
	Ernest Carter	"	1 75	"
	Geo Hodgdon	"	50	"
12	Caleb Hurlburt	"	2 80	"
13	Jas H Young	"	2 70	"
14	Wm H Soar	"	20	"
15	Walter Hicks	"	20	"
16	Michael Young	"	2 00	"
17	John A Blake	Telephone	1 08	Main'ance
	"	"	25	Pipe line
18	Natl Meter Co	Repairing meter	2 85	Rep services
19	Thos P Nichols	Cash book	10 00	Main'ance
20	Independent Press	Printing	4 50	"
21	A W Gould	Box for plans	5 81	"
22	American Express Co	Express	15	"
23	P A Allen	Services to Feb 4	33 00	"
24	Ambrose Young	Labor	1 80	Rep pipe line.
25	B & M R R	Freight	32	Main'ance
26	Jas R Merry	Labor	3 75	"
	"	"	3 00	Rep services
27	A D Mallard	Teaming	1 00	Main'ance
	"	"	1 50	Rep pipe line
	"	"	25	Services
28	Walworth Mfg Co	Pipe and fittings	10 08	Main'ance
29	P A Allen	Services to Feb 18	33 00	"
30	Walworth Mfg Co	Fittings	14 70	Services
31	Chas S Tyler	Cleaning clock	75	Main'ance

No.	Paid To	For What	Amts.	Acct Applied to
32	Independent Press	Reports	\$63 20	Main'ance
33	Chas M Kelly	50 lc wrappers	56	"
34	Hersey Mfg Co	Repairing meter	2 28	Rep services
35	Jackson Express Co	Express	90	"
	"	"	35	Services
	"	"	90	Main'ance
36	A H Plouff	Pipe	61	"
37	P A Allen	Services to Mar 11	49 50	"
38	Natl Meter Co	Repairing meter	3 10	Rep service
39	"	"	3 50	"
40	Geo Scott	Labor	53	Main'ance
41	Geo F Blake Mfg Co	Supplies	3 40	"
42	Chronicle Pub Co	Printing	2 50	"
43	Chas M Kelly	Services to Mar 31	62 50	"
44	John W Goodhue	Supplies	12 70	"
45	American Express Co	Express	35	"
	"	"	1 10	Rep services
46	P A Allen	Services to Apr 1	49 50	Main'ance
47	Ipswich Mills	Labor	3 50	"
48	Jas Dillon	"	11 57	"
49	Ambrose Young	"	3 20	"
50	Mrs Wm G Brown	Team	4 00	"
51	Natl Meter Co	Repairing meter	2 50	Rep services
52	B & M R R	Freight	1 34	Services
53	Ambrose Young	Labor	10 79	"
54	Natl Lead Co	Lead pipe	84 18	"
55	P A Allen	Services to Apr 22	49 50	Main'ance
56	Jas R Merrey	Labor	5 00	Services
57	B & M R R	Freight	1 12	Main'ance
58	Waldo Bros	Fire brick	18 00	"
59	Ambrose Young	Labor	10 31	Services
60	Albert D Mallard	Teaming	1 40	"
	"	"	15	Rep services
	"	"	1 15	Main'ance
61	Geo Scott	Labor	40	Rep services
62	A O Goodwin	"	31 87	Main'ance
63	Alfred Young	"	30	Rep services
64	American Express Co	Express	20	"
65	Natl Lead Co	Solder	4 32	Services
66	Walworth Mfg Co	Fittings	67 21	"
67	Philip Kimball	Loam	5 00	Rep pipe line
68	Geo Scott	Labor	5 60	Pipe line
69	Ambrose Young	"	6 00	"
70	David A Grady	Teams	2 00	Main'ance
71	Arthur C Damon	Tape	3 15	"
72	B & M R R	Freight	72	Services
73	P A Allen	Services to May 13	49 50	Main'ance
74	Ambrose Young	Labor	3 40	Rep pipe line
	"	"	15 45	Services
75	Union Water Meter Co	Repairing meter	1 00	Rep services

No.	Paid to	For What	Amts.	Acct Ap'ied to
76	Perrin Seamans & Co	Dynamite	\$ 3 20	Main'ance
77	Jas R Merry	Labor	3 25	R pipe line
	"	"	5 00	Services
78	Walworth Mfg Co	Fittings	18 80	"
79	Ambrose Young	Labor	44 02	"
80	B & M R R	Freight	25	"
81	Albert D Mallard	Teaming	1 50	"
82	Josiah Wright	Labor	12 00	"
83	Ambrose Young	"	14 00	"
84	Alfred Young	"	14 00	"
85	Dodge Haley & Co	Sledge Hammer	1 95	Main'ance
86	Perrin Seamans & Co	Dynamite	15 67	"
87	Town of Ipswich	Teaming	5 00	R pipe line
88	Arthur W Conant	Labor	2 00	"
89	Smith E Hayes	"	1 00	"
90	Chas M Kelly	500 1c stamps	5 00	Main'ance
91	P A Allen	Services to June 3	49 50	"
92	Independent Press	Printing	9 00	"
93	Geo Spencer	Labor and materials	7 81	"
94	American Express Co	Express	30	"
	"	"	20	R services
95	Jackson Express Co	"	25	"
	"	"	90	Services
96	B & M R R	Freight	56	"
97	Natl Meter Co	6 Meters	62 40	"
98	John W Goodhue	Supplies	8 35	Main'ance
99	Natl Lead Co	Lead pipe	61 01	Services
100	Ambrose Young	Labor	41 48	"
101	Jas R Merry	"	13 00	"
102	Albert Tenney	Teaming	2 80	"
	"	"	50	Pipe line
103	Old Col Trust Co	Interest on bonds	2720 00	Int on b'nds
104	P A Allen	Services to June 17	33 00	Main'ance
105	Natl Lead Co	Lead pipe	59 37	Services
106	B & M R R	Freight	90	"
107	John W Nourse	Gravel and loam	1 00	Main'ance
108	Warren Boynton	Cesspool	35 00	"
109	Alfred Young	Labor	2 00	R pipe line
110	Ambrose Young	"	2 70	"
111	Albert D Mallard	Teaming	1 00	"
	"	"	1 25	Services
	"	"	1 00	Main'ance
112	Caleb Hurlburt	Labor	3 20	"
113	Benj Fewkes	Plants and labor	8 75	"
114	Geo H Hills	Labor	4 25	Services
115	Howard N Jewett	"	1 40	"
116	Dexter McIntosh	"	2 85	"
117	Chas M Kelly	Services to July 1	62 50	Main'ance
118	P A Allen	" " July 1	33 00	"
119	Perrin Seamans & Co	100 feet Hose	10 00	"

No.	Paid To	For What	Amts.	Acct Ap'ied to
120	Geo H Hills	Labor	\$ 2 00	Main'ance
121	Jas R Merry	"	4 50	Services
122	Geo H Green	Note	1000 00	Bills pay
	"	Int on note	56 25	Interest
123	Ipswich Sav Bk	Note	1000 00	Bills pay
	"	Int on note	23 76	Interest
124	Harriet D Condon	"	28 13	"
125	Thompson Meter Co	Supplies	1 84	Main'ance
126	P A Allen	Services to July 22	49 50	"
127	Thos E Condon	Safe deposit box	5 00	"
128	"	Stamps to date	2 00	"
129	Geo Harris	Use of land	1 00	"
130	B & M R R	Freight	69	"
131	Frank H Howe	Teaming	2 50	"
	"	"	1 20	Services
132	Alfred Young	Labor	6 60	"
133	Chas McIntire	"	6 00	"
134	Albert D Mallard	Teaming	25	"
	"	"	1 75	Main'ance
135	Natl Meter Co	Supplies	7 95	"
136	Buffalo Meter Co	6 Meters	39 00	Services
137	Theo F Cogswell	Crockets Preservation	2 50	Main'ance
138	P A Allen	Services to Aug 5	33 00	"
139	H F Foss & Co	Teaming	25	"
140	Thos E Condon Treas	Sinking Fund	32 00	Sink'g fund
141	"	Interest	80 00	"
142	Jas R Merrey	Labor	5 00	Services
143	Alexander Morin	"	5 00	"
144	Chas McIntyre	"	5 00	"
145	B & M R R	Freight	1 39	Main'ance
146	Chapman Valve Mfg Co	Supplies	11 01	"
147	Chas McIntyre	Labor	1 80	Services
148	Eugene Girard	"	1 80	"
149	Alfred Young	"	60	"
	"	"	5 00	Main'ance
150	Albert Tenney	Teaming	25	"
	"	"	80	Services
151	Walworth Mfg Co	Pipe and fittings	74 65	"
152	P A Allen	Services to Aug 26	49 50	Main'ance
153	Chronicle Pub Co	Printing	4 40	"
154	Jas R Merry	Labor	2 00	"
	"	"	4 50	R pipe line
	"	"	3 50	Services
155	Alfred Young	"	4 00	R pipe line
156	Chas McIntyre	"	1 00	"
157	H F Foss & Co	Teaming	30	"
158	Dodge & Spiller	Supplies	72	Services
159	Paul R Eames	Cement	1 40	"
160	Albert D Mallard	Teaming	80	"
	"	"	1 05	R Pipe line

No.	Paid To	For What	Amts.	Acct Applied to
161	A D Mallard	Teaming	\$ 1 65	Main'ance
	Malachi Nolan	Labor and materials	2 45	"
	"	"	6 43	Services
162	J Howard Lakeman	Paints and labor	68 00	Main'ance
163	Jos White	Labor	1 80	Services
164	Chas McIntyre	"	2 00	"
165	Alfred Young	"	1 80	"
166	P A Allen	Services to Sept 9	33 00	Main'ance
167	Chapman Valve Mfg Co	Repairing hydrant	4 02	Rep pipe line
168	Caleb Hurlburt	Labor	2 80	Main'ance
169	Albert O Goodwin	"	6 40	"
170	Alfred Young	"	2 80	Rep pipe line
171	Natl Boiler Ins Co	Ins on boilers	20 00	Main'ance
172	P A Allen	Services to Sept 30	50 00	"
173	Chas M Kelly	200 1c stamps	2 00	"
174	Chronicle Pub Co	Printing and adv	5 00	"
175	John W Goodhue	Supplies	5 78	"
176	Jas R Merry	Labor	1 25	"
	"	"	1 00	Rep services
	"	"	3 50	Services
177	Ipswich Mills	Sal Ammoniac	75	Main'ance
178	Chas M Kelly	Services to Oct 1	62 50	"
179	Jackson Express Co	Express	35	Rep pipe line
	"	"	25	Rep services
180	American Express Co	"	55	"
	"	"	80	Main'ance
181	Albert Russell & Sons	Labor and materials	1 78	"
182	Michael Young	Labor	1 00	Rep services
	"	"	8 00	Services
183	Alfred Young	"	2 60	Main'ance
	"	"	7 40	Services
184	Jas R Merry	"	5 00	"
185	Natl Lead Co	Lead pipe	72 52	"
186	Walworth Mfg Co	Fittings	8 89	"
187	B & M R R	Freight	90	"
188	P A Allen	Services to Oct 28	66 00	Main'ance
189	Alfred Young	Labor	60	"
	"	"	4 70	Services
190	Walworth Mfg Co	Fittings	68	"
191	Jas R Merry	Labor	4 25	"
192	Mrs Jos Leno	Water rates	1 00	Water rates
193	F J Dibble	Repairing telemeter	5 20	Main'ance
194	Albert Tenney	Teaming	55	"
	"	"	30	Rep services
	"	"	80	Services
195	Albert D Mallard	"	95	"
	"	"	1 65	Main'ance
196	Michael Young	Labor	5 70	Services
197	John W Nourse	Manure	2 50	Main'ance
198	David A Grady	Teams	4 00	"

No.	Paid to	For What	Amts.	Acct Ap'ied to
199	David A Grady	Teams	\$ 2 00	Services
	Chas McIntyre	Labor	60	Main'ance
	"	"	1 80	R services
	"	"	1 80	Services
	"	"	1 80	R reservoir
200	Alexander Hirtle	"	1 80	Main'ance
201	Jas Graffum	Labor and materials	75	"
	"	"	4 00	R pipe line
	"	"	4 35	Services
202	Albert D Mallard	Teaming	1 00	Main'ance
	"	"	30	Services
203	Chronicle Pub Co	Printing	4 60	Main'ance
204	Chas W Brown	Supplies	45	"
205	Jas Dillon	Labor	10 00	"
206	Chas Bailey	"	8 40	"
207	Chas Guilford	"	16 40	"
208	Alfred Young	"	10 00	"
209	Michael Young	"	10 00	"
210	Rufus Dewar	"	7 90	"
211	Geo H Lord	"	7 96	"
212	P A Allen	Services to Nov 25	66 00	"
	"	Paid for labor	25	Services
213	Alfred Young	Labor	9 40	Main'ance
214	Michael Young	"	9 40	"
215	Michael J Judge	"	3 00	"
216	David A Grady	Teams	2 00	"
217	Chronicle Pub Co	Printing	6 50	"
218	Michael Young	Labor	5 40	"
	"	"	3 60	Services
219	Alfred Young	"	4 20	"
	"	"	3 60	Main'ance
220	Josiah Wright	"	1 95	R services
	"	"	3 60	Services
221	Wm Perkins	"	50	"
222	John Earley	"	60	"
223	Chas Guilford	"	11 10	Main'ance
224	Albert O Goodwin	"	23 30	"
225	Wm A Mitchell	Manure	1 25	"
226	Paul R Eames	Labor	34 00	"
227	Walworth Mfg Co	Fittings	50 31	Services
228	B & M R R	Freight	48	"
229	Michael Young	Labor	1 80	"
	"	"	9 00	Main'ance
230	Alfred Young	"	9 00	"
	"	"	1 80	Services
231	Old Colony Tr Co	Int on bonds	2760 00	Int on b'nd
232	Albert D Mallard	Teaming	1 95	Main'ance
	"	"	30	Services
233	Walworth Mfg Co	Fittings	6 72	"
234	Geo W Barker	Labor	50	Main'ance

No.	Paid To	For What	Amts.	Acct Ap'ied to
235	Josiah Wright	Labor	\$ 3 00	Main'ance
	"	"	1 05	R services
	"	"	4 42	Services
236	P A Allen	Services to Dec 16	49 50	Main'ance
237	Michael Young	Labor	5 15	"
	"	"	1 50	R services
	"	"	1 60	Services
238	Alfred Young	"	1 50	"
	"	"	1 50	R services
	"	"	5 15	Main'ance
239	P A Allen	Services to Dec 30	33 00	"
240	Frank H Howe	Teaming	40	"
	"	"	50	R pipe line
	"	"	60	Services
241	Natl Meter Co	Meters	54 40	"
242	A W Chesterton & Co	Ring Packing	33 60	Main'ance
243	Walworth Mfg Co	Fittings	7 32	Services
244	W E Lord	Salary 1899	100 00	Main'ance
245	C W Brown	"	100 00	"
246	Wm A Stone	"	100 00	"
247	Chas M Kelly	Services to Dec 30	62 50	"
248	Albert Tenney	Teaming	60	Services
249	John W Goodhue	Supplies	3 58	Main'ance
250	Arthur C Damon	"	35	"
251	Hancock Inspirator Co	"	1 38	"
252	David A Grady	Teams	1 00	"
	"	"	1 00	R pipe line
	"	"	1 00	Services
			\$11,135 93	

II. MAINTENANCE ITEMS.

Commissioners' salaries, 1899	\$ 300 00
Engineers' services, 1899	858 50
Clerk's " 1899	250 00
Supplies	189 30
Books, printing, advertising, postage, etc. . . , .	135 26
Insurance	70 00
Teaming, express and freight . . . , .	34 27
Painting Pumping Station	68 00
Labor	319 47
Miscellaneous . . . , .	53 84
	<hr/>
	\$2,278 64

III. RECEIPTS AND EXPENDITURES FOR THE YEAR ENDING DECEMBER 30, 1899.

RECEIPTS.		EXPENDITURES.	
Balance Jan 1, 1899,	\$ 488 55	Maintenance,	2278 64
Appropriations,	3774 00	Repairs, pipe line,	81 87
Dividend on Ins. Policy,	44 50	“ services,	34 38
Water rates,	6942 02	“ reservoir,	1 80
Services,	431 19	Service pipes construction,	1025 75
Miscellaneous,	107 42	Pipe line,	12 35
Interest,	349 91	Interest on bonds,	5480 00
Bonds,	2000 00	Sinking fund,	2381 91
		Water rates,	1 00
		Interest,	108 14
		Notes paid,	2000 00
		Balance Dec. 30, 1899,	731 75
	<hr/>		<hr/>
	\$14,137 59		\$14,137 59

IV. COMMISSIONERS' BALANCE SHEET, 1899.

DR.	CR.
Bonds and premiums, \$146254 58	Engineering, \$ 3350 00
Interest 915 05	Land damages and
Water rates, 29186 09	rights of way, 3377 65
Appropriations, 25258 50	Pumping station, 10047 41
Miscellaneous receipts 287 32	Pumps and pumping
Money borrowed in anticipation of issue of bonds, 500 00	machinery, 8298 46
	Storage basin, 27693 59
	Bull brook's supply, 1778 60
	Distrib'g reservoir, 17827 56
	Pipe line construction 66034 51
	Service pipe " 7255 62
	Miscel. expenses, 2834 20
	Total cost construction \$148497 60
	Int on bonds and notes, 28858 32
	Maintenance, 12230 44
	Materials and supplies on hand, 1249 51
	Sinking fund, 10155 30
	Water rates due and unpaid, 518 67
	Services due and unpaid, 38 06
	Sundry bills due and unpaid, 121 89
	Balance, 731 75
\$202,401 54	\$202,401 54

V. SUMMARY OF COST OF CONSTRUCTION TO DATE.

Construction Account.	Dec. 31, '98	Year '98	Dec. 30, '99
Engineering	\$ 3350 00		\$ 3350 00
Land damages and rights of way .	3377 65		3377 65
Pumping station	10047 41		10047 41
Pumps and pumping machinery .	8298 46		8298 46
Storage basin	27693 59		27693 59
Bull Brook supply	1778 60		1778 60
Distributing reservoir	17827 56		17827 56
Pipe line construction	65900 59	133 92	66034 51
Service pipe "	6688 80	566 82	7255 62
Miscellaneous expenses	2834 20		2834 20
	147796 86	700 74	148497 60

Examined and found correct.

HENRY F. DUNNELS, AUDITOR.

VI. SINKING FUND.

RECEIPTS.			INVESTMENTS.	
Appropriations 1895	\$1700 00		Ipswich Savings Bank,	\$1274 41
" 1896	1759 50		Salem Five Cts. Sav. Bk.	850 69
" 1897	1899 08		Inst. for Sav. New'port	1030 20
" 1898	1965 55		Town of Ipswich school	
" 1899	2032 00		notes,	2000 00
Interest	799 17		Ipswich Gas Co., note,	3000 00
			Ipswich Water bonds	2000 00
	\$10,155 30			\$10,155 30

Examined and found correct.

HENRY F. DUNNELS, AUDITOR.

ENGINEER'S REPORT.

To the Board of Water Commissioners :

GENTLEMEN :—I herewith present my report for the year ending December 31, 1899.

MAIN PIPES.

During the year there were no extensions of mains except 48 lineal feet of 6 inch cast iron pipe on change of hydrant School street. The number of feet of mains laid to date and the sizes are as follows :

Sizes	Feet
14 inch	1,505
12 inch	10,963
10 inch	8,830
8 inch	17,897
6 inch	28,804

Total 67,999 feet or 12.878-|- miles.

There have been three leaks in main pipes during the year as follows : Two in 12 inch, both were in joints ; one in 10 inch cracked pipe caused by pipe resting on sharp edge of ledge.

HYDRANTS.

One defective hydrant has been repaired. They have all been inspected and oiled. The total number now set is as follows :

Town	116
Private	6
Total	122

STREET GATES.

The total number now set is 128.

SERVICE PIPES.

There have been four leaks in service pipes during the year : three from bad solder joints and one pipe split open just inside of cellar wall, caused by being frozen. Thirty-four services have been added this year. Total number of services connected with works to date 617.

Sixty-seven faucets are sealed at the present time and there are 17 services on which the water is shut off at the sidewalk. This number does not include services supplying sillcocks only, or those at summer residences where the water is shut off at the sidewalk for the winter.

Following is an account of the number of services added, also the number of feet of service pipe laid (by years) since the works were put in :

Year	Number of Services added	Town		Private		Total	
		Ft.	In.	Ft.	In.	Ft.	In.
1894	181	4,470	4	2,771	2	7,241	6
1895	218	5,312	3	6,051	5	11,363	8
1896	110	2,391	9	2,616	5	5,008	2
1897	32	896	6	1,991	6	2,882	0
1898	42	1,112	7	1,318	3	2,432	10
1899	34	842	1	1,335	10	2,177	11

Total 31,104 feet 1 inch or 5.890— miles.

The kinds of pipe used are lead and galvanized iron, the sizes from 3-4 inch to 3 inch.

METERS.

Seventeen meters have been set this year. The total number now in use is as follows :

NAME.	SIZE		TOTAL
	1 inch	5-8 inch	
Crown piston	2	55	57
Empire piston , . . .		20	20
Hersey disc	1	32	33
Nash disc		4	4
Lambert disc		2	2
Niagara disc		7	7
Trident disc		1	1
Columbia turbine		1	1
Union rotary		1	1
Elevator indicator	1		
10	4	123	127

PAINTING.

The store house and all wood-work at the gate houses and pumping station have been painted.

PUMPING PLANT.

The building at the pumping station is in good condition. The pumping engines, condenser, feed-pump and boilers are in good condition. The boilers have been inspected quarterly by the Mutual Steam Boiler Inspection and Insurance Company.

SYNOPSIS OF PUMPING RECORDS

For the Year Ending December 31, 1899.

1899.	Total pumping time per month.		Total amount of coal used per month.	Average amount of coal used per day.	Total number of gal- lons water pumped per month.	Average number gal- lons water pumped per day.	Gallons water pump- ed to lb. coal used— while pumping only.
Month	Hrs.	Min.	Pounds	Pounds	Gallons	Gallons	Gallons
January	42	45	20,109	.648	2,700,810	87,122	.261
February	35	20	19,331	.690	2,410,560	86,091	.256
March	25	20	15,382	.496	1,647,030	53,130	.271
April	28	15	15,366	.512	1,800,065	60,062	.262
May	42	25	16,392	.528	2,885,070	96,169	.314
June	50	50	18,458	.615	3,451,785	115,059	.312
July	53	25	18,617	.600	3,549,350	114,495	.301
August	41	30	16,188	.522	2,899,260	93,524	.306
September	37	20	15,283	.509	2,632,350	85,745	.309
October	35	30	15,437	.497	2,628,875	84,802	.280
November	29	50	14,732	.491	2,210,210	79,673	.308
December	33		15,492	.496	2,463,350	79,462	.315
Total for year,	456	40	200,797		31,288,715		
Daily av. for yea.				.550		85,722	

Tons of coal consumed during the year—89 and 1437-2240.

Amount of wood “ “ “ “ 3 cords.

STORAGE BASIN.

The water in the storage basin did not fall below the high water mark until June 2nd. From that time it fell gradually until the 18th of September, when it reached the lowest point which was two and one-half feet below high water line. From this time the basin began to fill until December 5th when it had again reached the high water line and had begun to flow over the waste-way. When we consider that this has been an extremely dry season the above record makes a very good showing for the capacity of this source of supply.

The consumption of water has been larger this year than in any other since the works were built.

Respectfully submitted,

PRINCE A. ALLEN, ENGINEER.

January 26, 1900.

**THOMAS E. CONDON, Treasurer, in Account With the
WATER BOARD for the Year Ending December 31, 1899.**

1899.

DR.

Jan. 1	To cash on hand	\$ 488 55
	“ div on Ins policy on power house	36 50
28	“ Water Board on acct water rates	1624 65
	“ “ service piping	14 31
	“ “ miscellaneous	5 33
Feb. 7	“ “ on acct water rates	548 04
25	“ “ “ “	178 27
	“ “ service piping	15 17
	“ “ miscellaneous	2 90
Apr. 1	“ “ on acct water rates	273 94
	“ “ miscellaneous	16 45
24	“ “ on acct water rates	392 12
	“ “ service piping	8 30
	“ “ miscellaneous	2 75
June 15	“ “ on acct water rates	180 46
	“ “ service piping	164 27
	“ “ miscellaneous	11 10
17	“ from town on acct of appropriation in part for 1899	2500 00
	To cash interest on town notes	80 00
	“ temporary loan to town returned	2000 00
July 8	“ Water Board on acct water rates	649 03
	“ “ miscellaneous	4 72
24	“ “ on acct water rates	952 13
	“ “ service piping	9 07
	“ “ miscellaneous	18 00
Aug. 2	“ “ on acct water rates	756 38
Sept. 5	“ “ “ “	417 42
	“ “ service piping	105 81
	“ “ miscellaneous	4 35
Oct. 6	“ “ div on Ins policy on power house	8 00
	To cash Water Board on acct water rates	383 93
	“ “ service piping	30 92
	“ “ miscellaneous	6 15
Dec. 5	“ “ on acct water rates	530 78
	“ “ service piping	54 62
	“ “ miscellaneous	14 60

Dec. 15	To cash from town bal of appropriations for	
	1899	1274 00
31	To cash Water Board on acct water rates . .	54 87
	“ “ service piping .	28 72
	“ “ miscellaneous . . .	21 07
		<hr/>
		\$13,867 68

1899

CR.

	By cash paid on orders allowed by Water	
	Board for 1899	\$ 11135 93
Feb. 7	By cash temporary loan to town . . .	1000 00
Mch. 15	“ “ “ . . .	1000 00
	“ on hand	731 75
		<hr/>
		\$13,867 68

Examined and found correct.

HENRY F. DUNNELS, AUDITOR.

(a)

COMMONWEALTH OF MASSACHUSETTS—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE.			ODOR.		RESI- DUE.	AMMONIA.		Chlorine	NITROGEN AS		Oxygen Con- sumed.	Hard- ness.	REMARKS.
		Tur- bidity.	Sedi- ment.	Color											
Collec- tion.	Exami- nation.				Cold.	Hot.	Total	Free.	Albu- minoid		Ni- trates.	Ni- trites.			
1899 Jan. 23	1899 Jan. 23	Very slight	Very slight	0.17	None	Faintly veg	3.75	.0000	.0060	.40	.0020	.0000	.20	1.1	Dow's Brook
Jan. 23	Jan. 23	slight	Very slight	0.32	None	Very faint- ly fishy	4.10	.0004	.0184	.40	.0070	.0000	.42	1.0	Storage Basin
Feb. 20	Feb. 20	slight	Cons. e'rythy	0.19	None	Very faint- ly veg	3.80	.0010	.0116	.53	.0050	.0001	.30	1.4	Dow's Brook
Feb. 20	Feb. 20	slight	Very slight	0.18	None	Very faint- ly veg	4.50	.0030	.0090	.48	.0110	.0002	.30	1.7	Storage Basin
April 24	April 24	Very slight	Very slight	0.34	Dis veg & mouldy	Dis veg	3.70	.0000	.0080	.40	.0010	.0000	.45	0.8	Dow's Brook
April 24	April 24	slight	slight	0.26	Dis veg Faintly	Dis veg	3.50	.0002	.0146	.38	.0030	.0001	.46	0.6	Storage Basin
May 22	May 22	Very slight	Very slight	0.37	Faintly veg	Faintly veg	4.35	.0002	.0132	.42	.0020	.0000	.44	1.3	Dow's Brook
May 22	May 22	slight	slight	0.21	Faintly veg	Dis veg	3.70	.0008	.0214	.43	.0020	.0000	.36	1.1	Storage Basin

(b)

COMMONWEALTH OF MASSACHUSETTS—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE.			ODOR.		RESI- DUE.	AMMONIA.		Chlorine	NITROGEN AS		Oxygen Con- sumed.	Hard- ness.	REMARKS.
Collec- tion.	Exam- ination.	Tur- bidity.	Sedi- ment.	Color	Cold.	Hot.		Free.	Albu- minoid		Ni- trates.	Ni- trites.			
1899 June 27	1899 June 28	Very slight	slight	0.8	Faintly veg	Faintly veg	5.40	.0002	.0126	.50	.0170	.0000	.17	1.7	Dow's Brook
June 27	June 28	Very slight	slight	0.12	Dis veg	Dis veg & fain unpltnt	3. 85	.0014	.0220	.42	.0000	.0000	.30	1.1	Storage Basin
July 20	July 21	None	None	0.00	V faint- ly veg	Faintly veg	5.25	.0000	.0008	.59	.0200	.0000	.01	2.0	Dow's Brook
July 20	July 21	Very slight	slight	0.11	Faintly veg	Dis veg	4.20	.0006	.0188	.46	.0020	.0000	.31	1.7	Storage Basin
Aug. 31	Sept. 1	Very slight	Cons. Very	0.14	Faintly veg	Dis veg	6.75	.0010	.0192	.62	.0050	.0001	.19	2.2	Dow's Brook
Aug. 31	Sept. 1	slight	slight	0.10	None	None	4.65	.0016	.0294	.51	.0010	.0000	.33	1.3	Storage Basin
Sept. 23	Sept. 26	Very slight	slight	0.26	None	Faintly veg & fain unpltnt	5.50	.0000	.0126	.52	.0020	.0000	.39	2.0	Dow's Brook
Sept. 23	Sept. 26	slight	slight	0.10	Faintly veg		4.30	.0020	.0230	.55	.0040	.0001	.32	1.8	Storage Basin

(c)

COMMONWEALTH OF MASSACHUSETTS—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE.			ODOR.		RESI- DUE.	AMMONIA.		Chlorine	NITROGEN AS		Oxygen Consumed.	Hard- ness.	REMARKS.
Collec- tion.	Exami- nation.	Tur- bidity.	Sedi- ment.	Color	Cold.	Hot.	Total	Free.	Albu- minoid		Ni- trates.	Ni- trites.			
1899 Oct. 22	1899 Oct. 23	Very slight	Very slight	.40	Faintly veg	Dis veg	5.65	.0006	.0176	.53	.0030	.0000	.54	2.0	Dow's Brook
Oct. 22	Oct. 23	slight	slight	.10	Dis veg	Dis veg & decayed	4.50	.0006	.0248	.56	.0050	.0000	.35	2.0	Storage Basin
Nov. 20	Nov. 20	Very slight	Very slight	.34	None	Very Faintly veg	5.40	.0008	.0132	.42	.0020	.0000	.47	1.7	Dow's Brook
Nov. 20	Nov. 20	slight	slight	.22	Faintly veg	Dis veg & earthy	4.55	.0010	.0220	.52	.0010	.0000	.37	1.7	Storage Basin
Dec. 26	Dec. 27	Very slight	None	.78	None	fain unpl'nt Faintly fishy	5.45	.0010	.0178	.49	.0030	.0000	.91	1.7	Dow's Brook
Dec. 26	Dec. 27	slight	slight	.18	None		4.65	.0008	.0214	.58	.0010	.0001	.40	1.7	Storage Basin

TOWN OF IPSWICH.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE



FOR THE YEAR ENDING DECEMBER 31, 1899.

IPSWICH:
E. W. REYNOLDS COMPANY,
1900.

School Committee.

JOHN W. NOURSE	.	.	.	.	.	TERM EXPIRES	1901
CHARLES W. BAMFORD	.	.	.	.	.	"	" 1901
MILO H. GATES	.	.	.	.	.	"	" 1900
CHARLES S. CUMMINGS	.	.	.	.	.	"	" 1900
HARRIET E. NOYES	.	.	.	.	.	"	" 1902
JOHN H. COGSWELL	.	.	.	.	.	"	" 1902

ORGANIZATION.

JOHN W. NOURSE, CHAIRMAN.

JOHN H. COGSWELL, SEC'Y.

SUB-COMMITTEES.

HIGH SCHOOL.

MR. BAMFORD

MRS. NOYES.

GRAMMAR SCHOOLS.

MR. NOURSE,

MRS. NOYES,

MR. COGSWELL.

APPLETON SCHOOL.

MR. BAMFORD.

ARGILLA SCHOOL.

MR. CUMMINGS.

LINEBROOK SCHOOL.

MR. COGSWELL.

VILLAGE SCHOOL.

MR. NOURSE.

ON REPAIRS.

MR. COGSWELL.

MR. CUMMINGS.

LABOR CERTIFICATES.

MR. BAMFORD.

TRUANT OFFICERS.

MR. FRANK B. PAGE,

MR. WM. H. BROCKLEBANK.

LIST OF TEACHERS.

JANUARY 1, 1900.

HIGH SCHOOL	{	JOHN P. MARSTON . EMMA G. GARDNER . ANNIE C. HATCH .	Principal Assistant “
MANNING GRAMMAR	{	LUCY HAMLIN, . CARRIE L. LAKEMAN . KATHARINE F. SULLIVAN	Principal Assistant “
WINTHROP GRAMMAR	{	S. ISABEL ARTHUR . EVA M. PURINTON . E. MABEL ADAMS . MABEL A. WILLIS .	Principal Assistant “ “
COGSWELL SCHOOL	{	KATHERINE C. BAKER . LUCY A. KIMBALL .	Principal Assistant
DENNISON SCHOOL	{	ANNIE P. WADE . . GRACE E. SMITH . .	Principal Assistant
PAYNE SCHOOL	{	EVA A. WILLCOMB . . . O. LOUISE PURINTON . . ISABEL G. BROWN . . .	Principal Assistant “
WAINWRIGHT SCHOOL	.	LOUISE S. GLOVER.	
APPLETON SCHOOL	.	MARTHA U. LORD.	
ARGILLA SCHOOL	.	CORA A. SMITH.	
GRAPE ISLAND SCHOOL	.	CORA H. JEWETT.	
LINEBROOK SCHOOL	.	EDITH F. PERLEY.	
VILLAGE SCHOOL	.	AUGUSTA N. APPLETON.	
MUSIC	.	LAURA A. HUBBARD.	
DRAWING	.	ETHEL W. RATSEY.	

NUMERICAL STATEMENT.

Number of children in town between the ages of 5 and 15 years, according to the census taken in September, 1899	686
Number of pupils enroled in Public Schools	743
In High School	62
In Grammar Schools	304
In Primary Schools	327
In Ungraded Schools	50
	— 743

NOTE. In connection with the above it should be stated, that the number enroled includes 143 pupils who are above fifteen years of age.

ENROLMENT AND ATTENDANCE.

FOR SIX MONTHS ENDING JUNE 30, 1899.

NAME OF SCHOOL.	No En- roled.	Average Member- ship.	Average atten- dance.	Per cent of atten- dance.
High School	62	55.2	51	92.4
Manning Grammar Grades VIII and IX	72	68	61.3	90.1
Manning Grammar Grade VII	45	41.4	38	91.4
Winthrop Grade VII	47	44	41.5	94.3
" VI	48	46	41	89.1
" V	39	38.5	34.5	91
" IV	53	47.5	43.3	91.2
Cogswell Grade III	32	31	26.6	86
" I and II	43	31.7	29.5	93
Dennison Grade III	52	45	42.5	94.5
" I and II	63	56.5	49.3	87.3
Payne Grade III	35	32	29.7	90
" I and II	73	69	58.9	85.4
Wainwright Grades I and II	29	24.7	22.5	91.3
Appleton Ungraded	10	7.5	6.5	86.7
Argilla "	8	6.3	5.7	90
Grape Island "	7	5	4.5	90
Linebrook "	20	17.5	16.1	92
Village "	5	5	4.5	90
	743	671.8	606.9	90.3

REPORT.

In taking the annual "account of stock" and presenting its report to the citizens of the town, the committee can but be encouraged at the present outlook in the school work. While we may discover, in our retrospect, many defects and shortcomings both in our special work and in general administration,—as are likely to occur in any system of public schools,—we find many excellencies, and a degree of progress that justifies the assertion that the Ipswich public schools are doing more for the thought, knowledge, and character of our children, than in any preceding year. Defects there are, but as in individual so in educational life, it is by our mistakes, recognized and retrieved, that we are braced to new effort; are enabled to establish success upon past failures; and by the stepping stones of error to "rise to higher things." In social, political, and educational matters, "the world swings out toward the light," and he who would not be left behind must yield himself to the world's motion. Many defects of the present time are to be charged to the account of the general system of education laid down by our state boards and leaders in educational work. "Local option" seems to be an unknown quantity in relation to the adoption of many of the so-called "fads" of the present day. But here a clear distinction should be made between those branches which are ornamental and those which, ultimately, may be of real advantage to the majority of the children. No thinking person will deny that the inculcation in the child of a taste for the best in literature, or a knowledge of the principles of music, or the training of the hand to "cunning in its ten fingers and strength in its right arm," can be counted as anything but helpful. All innovations are not "fads" nor ornamentals. It is a matter for congratulation that the purely ornamental fever has had so "light a run" in the Ipswich schools, and that many of those branches now in-

cluded on our neighbors' educational tree, never have been grafted upon our own. Disregarding the advice of George Eliot, "don't seem to be on the lookout for crows else you will set other people watching," the committee feel and state plainly, that the great and growing danger in our present system is the overloading it with too many studies. The danger is a serious one. There is a constantly increasing strain in directions and on lines which the average child is incapable of comprehending. We cannot provide, in our primary schools, a foundation for all forms of specialism. To attempt too many things at the same time is a foolish ambition which "oe'rleaps itself and falls on the other side." Whether the human mind be a "unity or a manifold" it is possessed of powers and capacities, whose activities from the start should be guided in the most useful directions, and with the least possible waste and friction. This guidance must fall to the teacher and makes apparent the wisdom of Mr. Emerson's remark, "I care not what my child studies in school, but it is a matter of infinite moment who is his teacher."

The compromise in educational methods,—between the teaching simply of the three R's and the introduction of the many studies of the present day,—is not yet fully worked out. It will not do for teachers to be content always with the old ways leaving the new untried; nor always to discard the old when a new is proposed. Sound judgment and careful discrimination on the part of the teacher are needed to choose the "golden mean" between the old and the new, and to make such selection as shall lead to the "survival of the fittest." Equally needful is this wise discrimination on the part of those who plan the course of study. If the school is for the child and not the child for the school, the entire course from primary to high school must be of a character to train the mind, not only of the exceptionally bright pupil, but the minds of the rank and file. It must fit together like the intricate parts of some delicate machine, where each cog wheel however tiny has its own mission, and its loss throws the whole structure out of gear. To this end the committee, believing that our system needs simplification rather than greater complexity, and that the standard should be below, rather than above the possibilities of the average pupil, has endeavored to build up a course of study which neither shall confine itself to the ancient Rs, nor embrace all the new and purely ornamental branches.

But a well-considered curriculum will not cure the faults in our schools. The carrying out of the plan must be left largely to each individual teacher. The manner in which this plan is worked out, the facts of everyday life with pupils in the school and with parents in the home, with school officials and the public, will prove the crucible in which every teacher is tested.

A closer touch with and knowledge of, the course mapped out, would modify adverse criticism and dispel the notion that the committee encourages "fads" to the neglect of essentials and to the injury of the children; but all school systems having the welfare of the whole child as their principle of action,—to make him better than his forbears,—have been made perfect through such tribulation.

It may be that some excellent teachers in our corps have not considered sufficiently the limitations of the growing child, but the fault has been the outcome of an enthusiastic zeal to bring the pupil up to a certain standard. It may be that less home work, where the pupil has the assistance of parents, and more work in school where he must depend upon himself, would result in lasting good in the end. Happy the teacher who can adapt to his or her need the best method to secure the desired end. Schiller says, "The artist may be known by what he omits."

The growth in the requirements for educational work has been very marked during the past five years. Those in charge of school matters have become more and more unwilling to entrust classes of children to men and women who have no criteria to guide them, except what is remembered of their own school life. Previous to 1890 any high school graduate was deemed competent to teach a school of any grade from primary to grammar. Now, special preliminary preparation of a practical character is demanded even from the college graduate. Notwithstanding however this Shibboleth of preliminary preparation in Normal and Training schools, the fact still remains that the teacher "is born not made," and Ipswich is to be congratulated that among her corps of instructors, there are those whose natural aptitude for the work place them side by side with those who have had special pedagogic training. Training alone never can make a teacher. There must be that which develops only through education and training. Yet preliminary prep-

aration would help many to success in the art of teaching who now are handicapped and liable to failure. The life of a teacher is onerous at best, and it must be conceded that she needs preparation for her life work. Every year, increased consideration is given to this subject and if your committee are to administer the affairs of the schools for the best results we cannot overlook this matter. To get the best should be our aim. The general policy of the Board has been and is, to favor home talent when possible, but our first plain duty to the schools is to get the best teachers wherever from, which the high-water mark of our appropriation will allow. The policy of the State is well known and recognized, and we should heed it, and it now seems wise to require that new teachers shall have received some special preparation for their work either in Normal or Training school. We refer to the teachers annually, we elect them annually, but they require our perennial consideration. This special preparation and high standard would be equally as valuable to the teacher as the taught. Practically it would insure her a position and would strengthen her standing in the matter of tenure of office. Therefore we would recommend to all our graduates who intend to join the grand army of teachers that they take if possible a well-rounded course of preparatory work.

Up to the time of graduation the student has been filling her mental treasury and in her receptive attitude has absorbed a greater or less amount of miscellaneous knowledge. As a teacher she must give from out her store and all her relations are changed. How to impart her material will be a problem as great as the dealing with the immature mind of the child. Many an old teacher can testify to the anxious struggles of her early experience, when she has longed for some kind of figurative Gatling gun with which to lodge the volley of her knowledge in the brain of some dull child. Every citizen of Ipswich has a right to demand that the teacher of his children shall be as properly equipped for her profession as the physician upon whom he calls to meet their bodily needs. At the risk of repetition the committee would again urge the importance of special training.

SUMMARY.

During the past year there has been no notable departure from the general aim and policy of the school work. Excellence and defect in administration, in discipline, and in teaching, certainly exist in our schools ; nevertheless the defects, in the main, are less glaring than in former years and the general result is satisfactory.

Besides inculcating habits of promptness and punctuality, our schools have recognized and maintained the practical value of a common school education which Horace Mann once said, "is capital to the poor man and interest to the rich man." They have aimed to train the pupils in distinct reading, in accurate spelling, in legible penmanship, in readiness and accuracy in number work ; and to make them familiar with the history and government of our people. Through drawing and coloring they have developed the constructive and artistic elements in the pupils ; and through vocal music have provided a means of future enjoyment.

An attempt has been made to inculcate a wholesome respect for our mother tongue and to train the pupils in the use of correct English. The improvement, however, is more apparent in the written than in the oral work. Children still lapse, in speaking, into the old idioms and incorrect phrases which they hear on the street, in the home, and sometimes in the school-room.

Vertical writing finds increasing favor and evidently has come to stay. The improvement in penmanship especially in grades below the high, is very marked. This may be because in the primary grades the children have nothing to unlearn. Rapidity and legibility are the chief recommendations of the system ; its principal fault, that it expresses no individuality.

The introduction of physical exercises which has been made in some of the grades is to be commended. They prove not only a relaxation from mental work but also help towards the con-

trol of the body and towards grace and ease. Fifteen minutes each day should be given to this work. Although faults of position in standing or sitting, persisted in for three hundred minutes cannot be cured in fifteen, some little improvement will be made. To be sure muscular exercise develops brain power, but its chief aim should be the promotion of health, strength and physical improvement. While the committee would not deem it wise to provide a special instructor for these exercises they would suggest that each teacher can do something in her own room. It has been aptly said that "school life should not merely prevent the impairment of health, it should improve health. To develop the intellect at the expense of bodily health is a meagre and injurious form of education."

With all the improvement along the lines mentioned, there yet is "one fly in the honey," one branch, and that, one of the most important, which will bear still greater stress of work on the part of both pupil and teacher, and this is the reading. Improvement has been made but still greater progress is hoped for. Intelligent reading is one of the fine arts.

As a corps our teachers merit commendation for high character and strong personality; for excellent scholarship and teaching ability; for zeal and faithfulness; and among the majority, for a gracious manner, towards pupils, parents and one another, which Sidney attributes to "High thoughts seated in the heart of courtesy," and courtesy should have a large place in the manner of the teacher.

The moral training and its results can be placed in no report. It is the warp and woof of the pupil's being that has come through the direct teaching of some tactful teacher, whose consistent life in contact with the child's impressionable nature, has become an uplift and an inspiration. It is this influence for good or ill which makes the office of the teacher one requiring the finest attributes of human nature.

For the first time in three years the schools have carried on their year's work uninterrupted by change of teachers or epidemic of illness among the scholars. Few changes in the corps of teachers have been needful.

At the beginning of the school year, it was evident that Miss Elma Smith needed a longer respite from her work and leave of absence until January, 1900, was granted. Miss Sullivan was retained as substitute teacher in the seventh grade, at the Manning Grammar school. At the close of the year, Miss Smith's health still unfitting her for teaching she withdrew altogether from the ranks, and Miss Sullivan was confirmed in her present position.

Miss Smith's withdrawal is a distinct loss to the school. For a long term of years she has taught with marked success; her kindly, sympathetic nature and enthusiasm for her work, helping to carry her scholars over many rough places in the school road. Such teachers "not only point but lead the way." The committee regret not only the withdrawal but also the cause which seemed to make it necessary. Head, heart, and hand were given to her work which even now is bearing fruit in the lives of those who came under her charge.

Miss Decatur's leave of absence also was extended until January and Miss Isabel G. Brown was transferred from the Village school to the Payne Primary, to carry on the faithful, conscientious work inaugurated by Miss Decatur. Miss Augsuta N. Appleton, who graduated from the High school in June, was elected to fill Miss Brown's place. Miss Decatur not being able to go back to her work in January, the present arrangement will continue until June.

Miss Harriet D. Condon, special teacher in drawing, resigned her position in December, to take up her work in a larger and more influential sphere, and after careful deliberation, Miss Ethel W. Ratsey, of Auburndale was elected as drawing teacher. From personal knowledge of Miss Ratsey and observation of her work, the committee feels that no mistake has been made in the selection.

The discipline throughout the year has been free from undue harshness. In order to govern well a teacher must have a strong will-power and a keen sense of justice. Few cases of injustice have been reported this year. A whole school should not be punished for the faults of a few. Better that ninety-nine who are guilty should escape than that one innocent pupil should be punished. The trial of patience when dealing with dull scholars is a very fruitful occasion for the injudicious use of the tongue, which sometimes is as "unruly a member" in

the teacher as in the pupil. Sarcasm has no place in the school room. No case of actual insubordination has been reported this year and in general, good order has prevailed.

The committee regret also the loss from their board of the Rev. M. H. Gates, whose removal from town necessitated his resignation. Mr. Gates brought to his work sound judgment, original ideas, careful thought, and a clever faculty for adapting means to ends. His presence is missed both in the school and committee room.

PRIMARY SCHOOLS.

GRADES I, II, AND III.

WHOLE NUMBER, 327.

These grades occupy seven rooms. Except in rare cases, entrance to the lowest grade is permitted only in September, the beginning of the school year, as it is impossible to give each child personal attention after classes once are formed. There has been an unusually large number of pupils in these grades although, with the exception of the Payne school, none have been actually overcrowded. At the Cogswell school there have been at times during the year more scholars than the seats would accommodate. Something should be done at once to relieve the congestion at the Payne school. No teacher can do justice, either to herself or to her pupils, where two recitations have to be conducted simultaneously in the same room. The building of the second stairway required by law, took away the recitation room formerly used. While it might serve in a disciplinary way to put a child under the stairs for a time, it is hardly possible to stand the teacher and fifty scholars there for a recitation. It would be a matter of small expense to bring a school building from one of the out-districts to the Payne School grounds, and make an annex for the first grade pupils. Another plan proposed is to locate one of these buildings on Estes street, which

would draw the surplus scholars not only from the Payne but also from the Deunison and Cogswell schools.

During the past year there has been a greater degree of unity than heretofore in the work of the primary teachers, and while each one works in her own individual way, as each one should do, there has been greater harmony in result. It is conceded by all that, to the primary teacher falls the most important step in educational work. Looking at things from a child's point of view is by no means easy; but this the true teacher must do. Liberal qualifications, not only of scholarship but of patience and good temper, and a fresh, abundant, lovable personality, are needed. Little children must be led not driven, and they are acted upon to more advantage and in a better way, than "through the muscular integuments by the application of a birch rod." Many children entering the primary schools today cannot speak a word of English, and it is to the credit both of pupil and teacher that rapid progress is made. The work of the past year can be characterized as faithful, conscientious and generally creditable.

GRAMMAR SCHOOLS.

WINTHROP, GRADES IV, V, VI.

MANNING, GRADES VII, VIII AND IX. WHOLE NUMBER, 304.

The same harmonious work has existed in the Grammar Grades as in the primary. Each teacher has striven to fit her work to that of the grades above and below her, so that the whole may make a "seamless garment" of preparation, not alone for the work of the High school but for the work of life. Many of the children leave school, even before they have completed the grammar school course, and therefore go out into the world with a very meagre share of the mental, moral and even physical equipment, our schools are designed to give. The best, and

most numerous advantages possible should be given, therefore, in the first eight grades. This is the attempt made in our grammar schools. Realizing its importance the teachers, by unremitted efforts, have reduced inexcusable absence and tardiness to the minimum. A new interest in reading has been awakened. History in the seventh grade has proved a successful study. The treatment of literary, historical, and biographical topics in the eighth and ninth grades,—in which the public library has been a valuable aid,—shows diligent research and is to be commended. This and the large number of problems in Arithmetic, however, have called for too much home work, and parents very properly have objected. “Do nothing too much” was the inscription sometimes placed over the entrance to Grecian academies, which might be supplemented by the homely phrase, “A pint measure never yet held a quart.” Whatever error there may have been, has arisen from an enthusiastic zeal on the part of the teachers to induce their pupils to make the most of themselves.

The exhibit of the special work in drawing, made at the close of the school year, surpassed all former attainment in this direction. Several scores of drawings from these schools were placed in the State exhibition in Boston, and a large number was retained to send to the Paris Exposition. This fact speaks well for teachers and pupils, and proves that the special and regular instructors must have worked in perfect accord. No change in the corps of teachers has occurred during the year, a fact which has helped in bringing about gratifying results.

Of the thirty scholars who graduated in June 1899, twenty three entered the High school in September: two entered the Salem Commercial school; one entered the Salem High school; four discontinued their studies. Graduating exercises were held on Wednesday June 28, when the following scholars were presented with diplomas by Mr. Bamford:

Charles Landry

Paul Hebert

Arthur Sherburne Lord

George Franklin Waters

Katherine May Clarke

Sarah Small Leet

Ottie Winifred Saunders

May Belle Graffum

Arthur Harold Tozer

Bessie Alma Black

Lawrence Mauning Horton

Arthur Russell Lord

Alice Maude Senior
Ethel Gertrude Sheppard
Alice Wyman Bartlett
Chester Garfield Perley
Eva Treadwell Sanborn
Maude Louise Smith
Nellie Gertrude Moren
Ada Lincoln Newman
Ira Francis Cogshall

William Herbert Kimball
Mabel Alice Perley
Flora Mabel Smith
George Augustine Clarke
Frederick William Denningham
Emma Safford
Freeman Alexander Thibedeau
Joseph Foster Claxton
Marion Gage Forbes

PROGRAMME.

JUNE 28, 1899.

	PIANO DUET,	
"Military Galop"		Misses Sanborn and Graffum
Invocation		Rev. F. J. McConnell
	SINGING,	
"The King's Champion"		School
	COMPOSITION AND SALUTATORY,	
"Sympathy"		Flora M. Smith
	RECITATION,	
"Character of the Happy Warrior"		Herbert W. Kimball
	COMPOSITION,	
"Trees and their Uses"		Charles Landry
	RECITATION,	
"Our Whippings"		Ira F. Coggeshall
	SINGING,	
"O Skylark, for Thy Wing"		Chorus
	COMPOSITION,	
"Opportunities"		Arthur H. Tozer
	RECITATION,	
"The Bell of Atri"		Katherine Clarke
	COMPOSITION,	
"Our Navy"		Paul Hebert
	RECITATION,	
"The Old Man and Jim"		Bessie A. Black
	SINGING,	
"The Banner of Freedom"		Class
	COMPOSITION,	
"Henry Hudson's Visit to New York in 1899"		Lawrence M. Horton
	RECITATION,	
"The Two Little Skeezecks"		Maudie L. Smith
	COMPOSITION,	
"The Dreyfus Case"		George A. Clarke
	SINGING,	
"The Woodman"		School
	RECITATION,	
"A Bit of College Lore"		Nellie G. Moren
Class Prophecy		Arthur S. Lord
	COMPOSITION AND VALEDICTORY,	
"Two English Kings"		George F. Waters
Presentation of Diplomas		
	SINGING OF CLASS HYMN,	
Benediction		Rev. F. J. McConnell

HIGH SCHOOL.

WHOLE NUMBER, 62.

The year in the High school has been on the whole, one of quiet, earnest and commendable work. At the beginning of the year a gratifying increase was noticed in the membership of the school, but several have "grown weary" and have dropped out by the way. The value and importance of a High school education is being recognized today as never before. An examination into the courses of study will show at once, that the dividing line between the grammar and high schools is very faint. The studies of the ninth grade merge harmoniously into the High school courses, and the latter separate into special courses which are elective, and in which the growing minds of the pupils are met by the broader knowledge of the specially trained teacher. It sometimes has been thought that our High school paid too much attention to the few scholars who intend entering college, and exercised too little care for those who are not to prosecute their studies farther. While it is natural and proper to lay emphasis upon the college preparatory work of this school, it must be borne in mind that the training given to all, in the classics, mathematics and science, affords the opportunity for exceptional intelligence and mental strength. A High school, however, supported as it is by all classes of citizens, fails in its duty if it does not provide its pupils with such an education, as will best prepare them for the various walks in life which they are to follow. Pupils not preparing for college should be well grounded in the studies and the principles which will assist them in earning an honest livelihood. A purely English course in which practical bookkeeping, banking, stenography and typewriting may be taught, should be introduced into our High school curriculum. This the committee are unable to do until some pecuniary provision can be made for the needful appliances. There is no more perplexing problem that confronts a committee than the financial one. To com-

ply with all statute requirements, or to provide for the school all things desirable, would necessitate greater expenditures than we are warranted in making, so that a distinction has been made between the really needful and the desirable. In several of our neighboring towns and cities the commercial course, to which reference has been made, has been introduced with pronounced success.

Several of the present graduating class will enter college in the autumn.

The High school has suffered from no interruption during the year, and the teachers have worked together for the best good of the school. Of the fifteen pupils who graduated in June one entered the Boston University in September, and one will enter the Boston school of Technology in September, 1900.

Graduation exercises were held on Thursday, June 29, when an admirable address to the graduating class was made by Rev. Charles M. Southgate, of Auburndale. An invitation to deliver the Graduation Day address on June 27, 1900, has been accepted by Prof. George N. Cross, of Exeter, N. H., whose former work as principal of the High school is pleasantly remembered. The class of '99 included the following pupils :

FOUR YEARS FRENCH AND LATIN COURSE.

Augusta Newell Appleton	Charles Rogers Lord
Elsie May Daniels	Bertha May Morse
Frederick Waters Horton	Frederick Saunders Witham
Edith Alice Lavalette	

THREE YEARS ENGLISH COURSE.

Ethelyn Sprague Adams	John Arthur Herlihy
Adrian George Barker	Daniel Earl Measures
Helene Barrett Clarke	Eva Louise Spiller
Florian Lathrop Weld Coggsball	

GRADUATION DAY EXERCISES.

June 29, 1899.

PROGRAMME.

MARCH.

INVOCATION, Rev. A. H. Gordon

MUSIC.

SALUTATORY, Augusta N. Appleton
"American Ideals"

MUSIC.

ADDRESS TO GRADUATES, Rev. Charles M. Southgate
"The Finest of All Fine Arts"

MUSIC.

VALEDICTORY, Elsie M. Daniels
"Survival of the Fittest in Literature"

AWARDING OF DIPLOMAS, Chairman of School Committee

CLASS ODE, Class of '99

BENEDICTION, Rev. A. H. Gordon

MUSIC.

CLASS ODE.

(Music—ST. BOTOLPH.)

These short years of happy school-life
All too soon have glided by,
Like sweet dreams of fleeting pleasures,
And today we say, "Good-bye."
Pleasant memories of dear class-mates
And of teachers true and kind,
We shall carry with us away,—
Sweeter joys we ne'er shall find.

Tho' we feel a thrill of sadness,
As we think we now must part,
Yet there are some rays of gladness,
That still linger in each heart.
Ever fond the recollection
Of our happy High School days,
They will be to us like sunshine,
Shedding light along our ways.
Soon the tie that binds us—class-mates,
Tho' it seem so firm today,
Will be severed. In life's battle,
Each will go his separate way.
We are standing on the threshold
Of a new and unseen life,
We must follow after Duty,
She will guide us through the strife.

—EDITH A. LAVALETTE.

DRAWING.

That the work in music and drawing has been so satisfactory during the past year has been due in part, as already intimated, to the pleasant relations existing in nearly all the schools, between the special and regular teachers. Where this has not been the case the less favorable results have been found. The children have been especially interested in brush work, for which both ink and colors are used. Not all the colors of the spectrum are provided as this would necessitate too great an outlay. Several children, however, provide color boxes of their own in order to get greater variety.

Both mechanical and free hand drawing have been taught, and the work also has been made to bear a direct relation to the nature studies of the spring term. For the majority of the scholars the free-hand is conceded to be of the greater importance. Models, objects and posing from life have been utilized. Mechanical drawing has been confined

chiefly to the higher grades and the High school. Design, and its application to articles of utility, or conventional design, has been taken up. Many of the pupils have displayed genuine, inventive ability, and have been encouraged to make the most of a talent which, later in life, may be of practical benefit. The enrichment of their designs with color, teaches them to discriminate between that which is harmonious, and that which is offensive to the color sense. In order to stimulate the pupils in this creative faculty, Miss Condon offered last year a special prize, for the best original design for a book or program cover. The designs were submitted to the State Supervisor, who selected that of Miss Emma Safford of the Grammar school and Ellis W. Morton of the High school as most worthy of commendation. These designs were used for decorating the programs of the graduating exercises of the respective schools, Grammar and High.

In June, an exhibit of the drawings made in the several Grammar grades brought several hundred people together and the work met with great favor.

During the year, the effort to obtain good pictures for school room decoration has continued, and careful judgment has been exercised by the teachers who have purchased pictures for their school rooms. While it is not expected to make artists of all the children, drawing has a distinctive value in training each child's faculties of observation and general accuracy.

In the High school, drawing is elective and the class is small.

In December, Miss Condon resigned the position she has held for eight years, to take up the work elsewhere. It is to her unreserved devotion and skill in imparting instruction, that the Ipswich schools have been brought into the foremost ranks of excellence in drawing. Her success is a matter for congratulation, and the best wishes of this Board and of her associate teachers attend her in the new field upon which she has entered.

There was no lack of candidates for the vacancy. After thorough inquiry and due deliberation, Miss Ratsey was elected. Her special preparation for public school work added to her experience, seemed to fit her to take up the work where Miss Condon left it. We are pleased with the good quality of the beginning of her work.

MUSIC.

Miss Hubbard has supervised another year's work in music and has brought it to a satisfactory conclusion. Classes have made steady advance in all grades and more tuneful singing than usual has characterized the work. The upper grades are visited every week and the lower grades once in two weeks. The co-operation of the regular teachers has been hearty and helpful, and with such teaching our children should go out of school with the ability to sing at sight new music without the aid of an instrument. Miss Hubbard has worked diligently throughout the year. In some respects the best results are obtained below the High school grades, and the singing of the smaller children is more pleasing. This is due to the lack of interest on the part of the older pupils and is not the fault of the teacher. The general spirit pervading the schools is of a pleasant nature.

TRUANCY.

TO THE SCHOOL COMMITTEE.

GENTLEMEN:

During the past year we have investigated 72 cases of truancy. Much of this evil is due to the weakness or indifference of parents. In some cities in our commonwealth delinquent parents have been fined, according to chap. 498, Acts of 1894 of the Public Statutes. It has been our endeavor to investigate all complaints promptly and thoroughly, and to deal with the exigencies of the business carefully. Many cases were those of habitual truancy. In nearly all cases parents made excuses for the boys or girls, who are thus encouraged in becoming not only an annoyance to teachers, but a menace to good government and a crying evil in the problem of school attendance.

Respectfully submitted,

FRANK B. PAGE,

W. H. BROCKLEBANK.

UNGRADED SCHOOLS.

These "heirlooms" are now five in number, and each is going on "in the good, old way," which of necessity must be followed in schools of this kind. The teachers are faithful and work zealously, and the wonder is, not that they accomplish so little, but that they do so much, limited as they are as to numbers and facilities.

While the centralization plan naturally helps the children to larger ideas, more enthusiastic study, and a wider ambition, there is an individuality about our ungraded schools that is refreshing. This is especially true of Linebrook which has the largest number of pupils. Three scholars from this school entered the High school in September. In the other schools the children are younger and fewer in number, and the patient perseverance of the teachers under many difficulties merits the approval of all. The discontinuance of two of the schools has worked well so far, but the plan has not been found feasible for the remaining districts.

SCHOOL HOUSES.

While none of the twelve buildings in charge of the school committee are in an "ideal condition," yet the close of the year finds them all comfortably equipped and in such a state that no extensive repairs, unless something unforeseen shall occur, will be needed during the coming year. The Dennison school house has been neatly painted and signs bearing the name of the school have been placed on each building. The Wainwright school-house will need to be painted this year, but will not entail a large expense. The greatest change is needed at the Payne school and the committee would recommend that the building at Wil-

lowdale, which will accommodate 40 pupils, be moved to the Payne school grounds and utilized as an annex for the lower grade. This building and that at Candlewood have been unoccupied two years. At a special town meeting in the autumn the committee were instructed to ascertain what disposition can be made of these buildings and to report at the March meeting. A plan for the Willowdale building has been proposed and the committee would further recommend that the school house at Candlewood be sold, provided a suitable price can be obtained and if the people of the district approve.

CONCLUSION.

Our schools are not merely institutions of learning. They are great nurseries for safe keeping and intelligent care during a period of life when dangers lurk on every hand. During school hours, parents must experience a relief from anxiety in the fact that their children are receiving the best training the town can devise, while all care and responsibility are removed from their shoulders during the busiest hours of the day. "The exigencies of modern society", says a well known writer, "have deputed much of the parental work to the teachers of our schools." Our teachers recognize this truth and feel the weight of its responsibility and they should have the consideration, confidence and hearty co-operation, the generous and cordial support, of every parent, and of all classes of citizens. If the child and the parent have "rights" to be respected, so also, has the teacher. The most formidable obstacle to a child's advancement lies sometimes in the carelessness or prejudice of parents. Frequent visits to the school rooms have been urged again and again. They are of more value than any parent can know until they have been tried. The parent becomes interested; the teacher is encouraged, especially if some word of kindly commendation is spoken; and the child realizes more fully that teacher and parent are working together for his physical, mental and moral life. Let us give to these

teachers to whom we relegate the care of our children our hearty sympathy and encouragement. Let the teachers remember that injunction of the great Frederick Maurice, "Make your teaching such that a great man may be formed by it, and there will be a manhood in your little men of which you do not dream."

BRIEF EXTRACTS FROM EDUCATIONAL LAWS.

1. All children between 7 and 14, unless sick, or feeble-minded, must attend the public school during the entire time of each school year. Penalty to parent or guardian for failure in attendance for five day sessions within any period of six months, \$20.

2. No child under 14 can be employed "in any factory, workshop or mercantile establishment." "No such child shall be employed in any work performed for wages or other compensation" during the hours when the public school is in session nor before six o'clock in the morning or after seven in the evening.

3. No child under 16 can be employed in any factory, workshop or mercantile establishment without a certificate from the School Committee. He must present an employment ticket from the person who wishes to employ him on applying for a certificate. The father, if living and a resident, must sign the certificate of age; if not, the mother; if neither, the guardian.

4. Children between 14 and 16 must either attend school or be regularly employed.

5. Children must be vaccinated before attending school, but a certificate from a regular physician, saying a child is an unfit subject for vaccination, allows attendance.

No child can attend school from a household in which there is a case of small-pox, diphtheria, scarlet fever, or measles, or from a household exposed to contagion as aforesaid. Two weeks after the death, removal or recovery of the patient in a case of the first three mentioned or three days after in a case of measles, the child may return on presentation of a certificate from the attending physician or from the board of health.

6. "The last regular session prior to Memorial Day, or a portion thereof, shall be devoted to exercises of a patriotic nature."

SCHOOL CALENDAR.

PRESENT SCHOOL YEAR,

Began September 11, 1899 ; ends June 28, 1900.

NEXT SCHOOL YEAR.

First term, 16 weeks, begins Tuesday, September 4 and closes Friday December 21, 1900.

VACATION OF TWO WEEKS.

Second term, 12 weeks, begins Monday, January 7 and closes Friday March 29, 1901.

VACATION OF ONE WORK.

Third term, 12 weeks, begins Monday, April 8 and closes Thursday, June 27, 1901.

LEGAL HOLIDAYS.

Washington's Birthday, February 22, Patriot's Day, April 19, Memorial Day, May 30. There will be no school on Friday of Thanksgiving week.

NUMBER OF SESSIONS.

Two each weekday except Saturday.

HOURS OF SESSION.

9 o'clock to 12 A. M. 1:30 o'clock to 4 P. M.

DETENTIONS PERMITTED.

Thirty minutes after the afternoon session.

STORM SIGNALS.

In case of very severe storms, a signal for no session of the schools will be given by the fire alarm.

The morning signal will be given at 8 A. M. and the one for afternoon at 11 A. M.

COMMITTEE MEETING.

The regular meetings of the school committee are held on the Tuesday before the first Wednesday in each month.

Dates for presenting bills against the School department the day before the meeting mentioned above. All bills should be sent to the secretary.

Financial Statement.

RECEIPTS.

Balance due the schools January, 1899	\$ 642 36	
Town appropriations for 1899	12500 00	
Received from dog licenses	343 28	
from scholars from other towns	55 01	
from sale of car ticket	3 00	
	<hr/>	\$13,543 65

EXPENDITURES.

Trustees Manning Schools	\$ 1350 00	
Teachers' salaries	8237 00	
Transporting scholars from out-districts	511 00	
Books and supplies	1439 68	
Care of school buildings	631 90	
Fuel	537 26	
Repairs	520 26	
Incidentals	203 55	
	<hr/>	\$13430 65
Balance due the Schools January, 1900,		\$113 00

APPROPRIATIONS FOR 1900.

The committee recommend the following :

For High School (as per contract)	\$1350 00	
Common schools (teachers' salaries)	8400 00	
text books and supplies	1000 00	
transporting scholars from out-districts	600 00	
care of school buildings	650 00	
Fuel	600 00	
Repairs	200 00	
Incidentals	200 00	
	<hr/>	\$13000 00

Respectfully submitted,

JOHN W. NOURSE,	}	School
CHARLES W. BAMFORD,		
JOHN H. COGSWELL,	}	Committee.
HARRIET E. NOYES,		
CHARLES S. CUMMINGS,		

REPORTS
OF THE
SEVERAL EDUCATIONAL
FUNDS.

REPORT

OF THE

Trustees Manning School Fund.

Statement to Town Clerk of Ipswich, Mass., as required by the declaration of trust for Joseph Ross et als, Trustees of the Manning School Fund.

RECEIPTS.

From invested funds	.	.	\$1820 00	
Rents	.	.	156 25	
Town as per contract	.	.	1350 00	
Tuition other towns	.	.	25 00	
Cash on hand Jan. 1, 1898	.	.	37 57	
			<hr/>	\$3388 82

DISBURSEMENTS.

Salaries,	.	.	.	\$2365 00	
Coal, insurance, repairs, etc.	.	.	.	714 22	
Interest on debt	.	.	.	280 00	
Cash on hand Jan. 1, 1899	.	.	.	29 60	
				<hr/>	\$3388 82

CONDITION OF FUND.

Land, building, furniture, etc., for school,			
Principal's house	.	.	\$7000 00

SECURITIES.

Evansville, Terre Haute & Chicago R. R. bonds	\$17000 00	
Ohio Southern (Receipts)	4250 00	
Peoria & Eastern R. R. bonds	14400 00	
	<hr/>	\$35650 00

For said Trustees,

OTIS KIMBALL, TREASURER.

December 20, 1899.

REPORT

OF THE

Feoffees of the Grammar School.

The Feoffees of the Grammar school by their treasurer submit the following report. The property in their hands January 1, 1900 is as follows :

Little Neck, valned at	\$5000 00	
School farm (so-called) in Essex	2000 00	
Water bond, city of Lynn	4000 00	
Deposited in Ipswich Savings Bank	4951 61	
		\$15951 61

The income since the last report is as follows :

Cash in hands of treasurer as shown by last report	08	
Received from land rent at Little Neck	172 00	
Interest on water bond city of Lynn	200 00	
Received of L. A. Peabody rent of farm house	75 00	
Dividend on deposits in Ipswich Savings Bank	191 50	
		\$638 58

The expenses have been as follows :

Paid Henry L. Cook for buildings, etc., at Neck	95 00	
Foster Russell for labor on wharf and fence	97 71	
Frank C. Hull, boating	2 00	
John W. Goodhue, hardware, etc.	19 67	
Alonzo Butler, painting	1 50	
J. A. McLaughlin, driving well	11 26	
Theodore F. Cogswell, insurance and paint	13 24	
S. F. Canney, lumber for wharf	50 99	
Mrs. William G. Brown, teaming to Neck	5 00	
William Marshall, iron work	6 96	
William H. Brocklebank, witness fees	2 80	
Howard C. Dodge, use of boat	5 50	
L. A. Peabody, labor on wharf	81 39	
		\$393 02
Balance being income over expenses,		\$245 56

Dated this 12th day of February, A. D. 1900.

JOHN H. COGSWELL, TREASURER.

I certify that the above statement is correct as per voucher.

HENRY F. DUNNELS, AUDITOR.

The Trustees of the Burley Education Fund in Ipswich present
to the Inhabitants of Ipswich in legal meeting, assembled,
their

Seventy-Fifth Annual Report.

The funds in their hands consist of fifteen shares of the Common Stock of the Boston and Maine Railroad Company, the market value thereof being about \$200 per share and the total value being about

	\$3000 00
One note of the Town of Ipswich for .	3500 00
Deposited in the Ipswich Savings Bank .	4350 63
Caldwell fund in Ipswich Savings Bank .	651 60
Deposited in Salem Savings Bank .	1039 12
Deposited in Salem 5 Cents Savings Bank	906 62
	<hr/> \$13447 97

The income of said fund since the last report is as follows to wit :

Dividend on 15 shares P. S. and P. Railroad	90 00
Interest on Town note . . .	175 00
from Ipswich Savings Bank .	162 70
on Caldwell fund . . .	25 28
from Salem 5 Cents Saving Bank	30 90
from Salem Savings Bank .	37 89
	<hr/> \$521 77

The expenses since the last report have been as follows :

Paid Laura A. Hubbard for teaching music in public schools	157 50
Paid for Bibles	3 05
	<hr/> \$160 55
Balance being income over expense	\$361 22

Dated this seventeenth day of February, A. D., 1900.

CHARLES A. SAYWARD,	} Trustees of the Burley Education Fund in Ipswich.
JOHN H. COGSWELL,	
FREDERIC WILLCOMB,	
FRANK T. GOODHUE,	
JOSEPH I. HORTON,	

Brown School Fund.

This fund was given by David Brown of this town for the exclusive benefit of the children of the Candlewood district.

The following extract from his will, will show the wish of the donor. "The rest and residue of all my estate I give for the purpose of supporting a school for the small children in the school district where I live, in the summer season, and if the income shall be more than sufficient for a summer school, what remains may go toward supporting a school in the winter season."

The fund became available in 1846, and from that date until 1898 the annual income of the fund was used for the benefit of the Candlewood school.

Now, that the local school has been discontinued, the Trustees believe that the wish of the donor cannot be better served than by using the income of the fund in conveying the children of the Candlewood district to and from the schools in the centre of the town. And at a recent meeting of the Trustees it was voted to devote the income for the present year to that purpose.

REPORT.

The funds in our hands January 1, 1900, were as follows :

Deposited in Ipswich Savings Bank	\$1257 41	
Deposited in Salem 5 Cent Savings Bank	1000 59	
		\$2258 00

The income for the year 1899 is as follows :

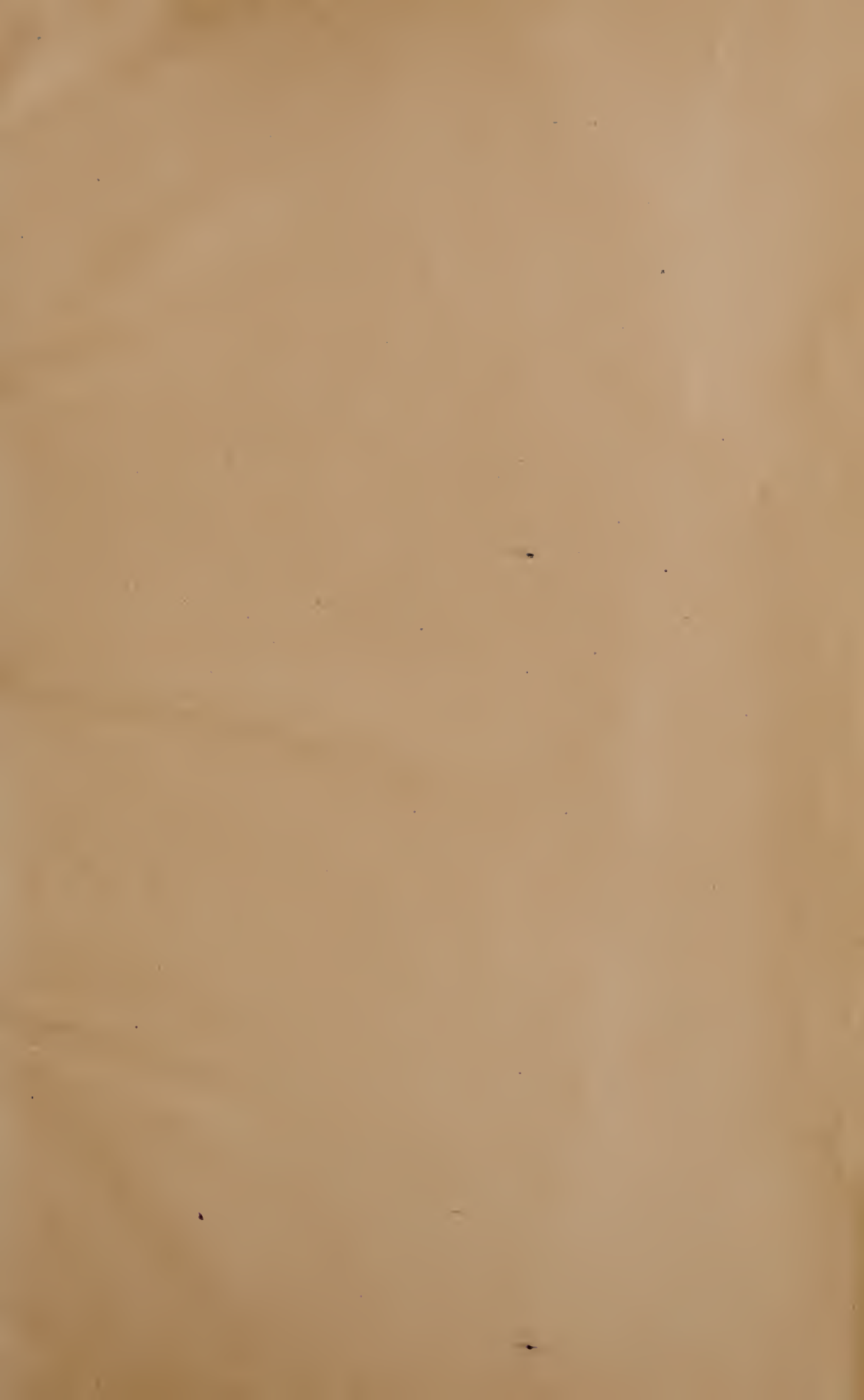
Received from former treasurer	30 00	
Interest from Ipswich Savings Bank	49 41	
Interest from Salem 5 Cents Savings Bank, (9 months)	25 59	
		\$105 00

The expenses have been as follows :

Paid Laura A. Hubbard for teaching music in Candlewood school during the school year ending June, 1898	47 50	
Paid Louise S. Glover for teaching in Candle- wood school during the months of April, May and June, 1898	15 00	
		\$62 50
Balance being income over expenses		\$42 50

Respectfully submitted,

THEODORE F. COGSWELL,	} Trustees of Brown School Fund in Ipswich.
GARDINER A. BROWN,	
JOHN H. COGSWELL,	



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